

NOVEMBER 10, 1941 CENTS

"Why is the

Parker Vacumatic

like a Flying Fortress?"

"I have it, they're both

SUPER-CHARGED!"



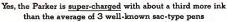
Parker's High Modernization:

1 Patented One-Hand Filler—no ink soc,
hence room to super-charge with Ink.

- 2 Lubricated Point developed by Dr. Pickus.
 3 Television Barrel—shows the level of ink.
- 4 MILITARY Clip—holds pen law and UN-EXPOSED in Uniforms and Civilian Dress.
- 5 The Jewel of Pendom Parker's smart, exclusive Pearl and Jet style — laminated RING upon RING.







Pens, \$5 to \$13.75

And its Blue ♦ Diamond mark means GUARANTEED by LIFE CONTRACT

Forker's Blue Diamond on the pea is our Contract unconditionally Guarnatering service for the owner's Life, without cost other than 35f charge for postage, insurance, and bondling, if pen is not intentionally damaged and is returned complete.

for postege, insurence, and bondling, if pen is not intentionally domoged and is returned complete.

You may not know it, but when you ask for the PARKER by NAME, you are really saying:

"I'd like to try the Pen with the One-Hand Supercharging Filler. I'd like to try its new lubricated Point developed by Parker's chief metallurgist, Dr. Robert Pickus, former instructor of metallurgy on the faculty of Yale University."

Its writing quality is so incredibly effortless that, coast to coast, people chose it high over all from 28 models of the four leading makes.

This test was made by the Chapelle Research organization, and the identity of all pens was masked to insure purely personal choice, unprejudiced.

This Parker Point preference is largely due to Dr. Pickus' processing methods which bring finer-textured, less brittle 14 K Gold, tipped with oil-smooth Osmiridium that won't wear scratchy in a lifetime.

See the beautifully boxed Gift Sets of Parker Pens matched by Parker's Writefine Pencil with doublelength lead, 39% thinner than ordinary—the Sets you friends would select if you gave them their choice.

Send them to celebrate Birthdays, to boys in the Army and Navy, to friends convalescing. Make your Christmas selections early to insure arrival at camps, on shipboard, and at far-away defense bases ON TIME. Don't forget their Parkers and they won't forgot you!

Parker

The Parker Pen Co., New York, Chicago, San Francisc Factories: Janesville, Wisconsin and Toronto, Canada.









It may be Infectious Dandruff!

TODAY WITH THE TESTED LISTERINE TREATMENT THAT HAS HELPED SO MANY

TELL-TALE flakes, itching scalp and inflammation Tell-Tale flakes, iteming scarp and that there "ugly customers" may be a warning that you have the infectious type of dandruff, the type in which germs are active on your scalp!

They may be a danger signal that millions of germs are at work on your scalp . . . including Pityrosporum ovale, the strange "bottle bacillus" recognized by many foremost authorities as a causative agent of infectious dandruff.

Don't delay. Every day you wait, your condition may get worse, and before long you may have a stubborn infection.

Use Medical Treatment*

Your common sense tells you that for a case of infection, in which germs are active, it's wise to use an antiseptic which quickly attacks large numbers of germs. So, for infectious dandruff, use Listerine Antiseptic and massage.

Listerine deals out death by the millions to Pityrosporum ovale and other germs associated with infectious dandruff.

Those ugly, embarrassing flakes and scales begin to disappear. Irching and inflammation are relieved. Your scalp feels fresher, healthier, your hair looks cleaner.

76% Improved in Clinical Tests

And here's impressive scientific evidence of Listerine's effectiveness in combating dandruff symptoms: Under the exacting, severe conditions of a series of clinical tests, 76% of the dandruff sufferers who used Listerine Antiseptic and massage twice daily showed complete disappearance of or marked improvement in the symptoms, within a month.

In addition to that, countless men and women all over America report joyously that this grand, simple treatment has brought them welcome relief from dandruff's distressing symptoms.

Start tonight with the easy, delightful home treatment-Listerine Antiseptic and massage. It has helped so many others, it may help you. Buy the large, econ-

omy-size bottle today and save money. LAMBERT PHARMACAL CO., St. Louis, Mo.

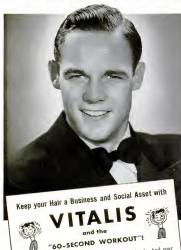
*THE TREATMENT

MEN: Douse full strength Listerine on the scalp me WOMEN: Part the hair at various places, and apply Lis-

Always follow with vigorous and persistent massage, isterine is the same antisepisc that has been famous for nore than 50 years as a gargle.

"Smart Fellow! Going Places!"

THAT'S WHAT GOOD-LOOKING HAIR CAN SAY FOR YOU!



50 Seconds to Rub-Just feel that stimulating "tingle" as circulation quickens—the flow of oecessary oil is increased. And with the pure vegetable oils of Vitalis supplenting natural oils, your hair menting natural 0115, your do takes on a fresh, natural lustre.

10 Seconds to Comb-And your no seconds to Comb—And your hair stays smartly in place—with no "patent-leather" look. Wbat's more, the Vitalis "60-Second Workout" routs unsightly, loose dondruff— helps prevent excessive falling hair elps you keep your hair.



Just as surely as Vitalis and the famous "60-Second Workout" gives your hair that well-groomed look, so it can help speed you to success in your business eer. For handsome hair gives you a well-groomed, self-confident air that wins admiration and respect.



Your popularity and success depend a great deal on the first impression you make. So give your appearance and personality the "plus" of handsome hair. Join the thousands of successful meo who use Vitalis and the "60-Second Workout," Get a bottle of Vitalis today.

A Product of Bristol-Myers

USE VITALIS AND THE "60-SECOND WORKOUT"

LETTERS TO THE EDITORS

Science And The Future

May I compliment you on the excel-lent piece of journalism portraying the advance of science from atoms to gal-axies (LIFE, Oct. 20).

axies (LIPE, Oct. 20).

I am very strongly of the opinion that the methods of science, once they have penetrated our habits of thinking, will go far towards a rational solution of the problems of human relationships, even in national and international af-fairs. Such pictorial presentations capture the public imagination and lay a broader base for the place of science in the community than any concerted effort on the part of scientists themselves ld accomplish.

May I quote in this connection from aton J. Carlson's commencement address at the Massachusetts Institute of gy last June: "The establish ment of a broader base for science is too great a task for the handful of scientists in our universities and in our institutions for scientific research, even were these men agreed that this is both an important and a desirable good,"

HARLAN T. STETSON

Laboratory for Cosmic Terrestrial Research Massachusetts Institute of Technology Needham, Mass.

In the Oct. 20 issue of LIFE, in an interesting article entitled "Science And The Future," you have referred to the activities of the National Defense Research Committee. In pointing out that a large number of physicists had been mobilized for work on war projects, you may have left in some readers' min the idea that this Committee was concerned with physics alone. I should like to point out, therefore, that the work involves research and development in fields of physics, chemistry and certain branches of engineering. The Committee operates no laboratories of its own, but working under its auspices under contract in various institutions and laboratories there are more than 2,000 scientists and a total number of 3,000-4,000 persons. We estimate that 75% 4,000 persons. We estimate that 75% of the more distinguished physicists of the country (those starred in American Men of Science) are now engaged in work of national defense. Similarly, mewhat over 50% of the starred chemists are now engaged. A large number of these chemists and physicists have been brought into defense work through the activities of the National Defense Research Committe

> JAMES B. CONANT Chairman

National Defense Research Committee Washington, D.C.

Your science layouts made a hit with our science students. I thought you might be interested in the picture which

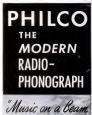


Dr. James F. Mackell, head of the

department, h take of groups looking at a wall display JOHN F. SEMBOWER

Indiana State Teachers College Terre Haute, Ind.

I liked the article on science very much. There was, however, one mistake, On your chart (p. 77) you give Tellurium (continued on p. 4)





No needles to change Recards last ten times langer

New beauty of tone Absolute fidelity of pitch

Na annaying needle scratch Convenient Tilt-Front cabinet

Simple, gentle, reliable recard changer 16

These new delights which you enjoy in a 1942 Philco Photo-Electric Radio-Phonograph are exclusive. No ordinary radio-phonograph can offer you "Music on a Beam of Light" . . . the new Philco Automatic Record Changer with Stroboscope Control . . . the Tilt-Front cabinet. They are the marks of the modern radio-phonograph and are yours only in a Philcol In radio too, Philco inventions bring you thrilling tone and performance plus Frequency Modulation at new low cost! PHILCO 1013, illustrated,

See the 1942 Philco Radio-Phonograp Redies, Pertubles and Auto Radies, from \$14.95 to \$550, at your Philes dealer's today.

Prices slightly higher Denver and West; subject to change without notice

2 LIFE is published weekly by TIME Inc., 330 East 25nd Street, Chicago, III. Printed in U. S. A. Extered as second-class matter November 10, 1941 etc., 1950 at the Postellier at Chic Volume II. Chicago, III. Under the act of March 5, 1878. Authorised by Pres Inc., Ottawa, Chunch, as second-class matter November 10, 1941 etc., 1950 at the Postellier at Chic Volume II. Chicago, III. White Chicago, III. Under the act of March 5, 1878. Authorised by Pres 10, 1941 etc., 1942. A change 12, 1942. A change 12,

TOLL AND LONG DISTANCE TELEPHONE CONVERSATIONS

(BELL SYSTEM) 100 IANHARY FEBRUARY MARCH APRIL MAY HINE MILLION 90 1941 1941 MILLION 1941 1941 1041 80 MILLION 1940 1940 1940 1940 1940 70 MILLION 1940 MILLION "Here's why 50 we're so busy" MILLION We thought 1940 was a busy year — 40 until 1941 came along! As you can see, MILLION we have handled from five to fifteen million more Toll and Long Distance conversations every month! And, as this is written, the number is still MILLION climbing! The extra calls, of course, are due largely to defense activity. We're glad 20 to help the country keep things mov-MILLION ing. And we'll continue to - just as quickly and courteously as we can. 10 (P.S.-If in these busy times you MILLION should occasionally have a call delayed, please understand and be patient.)

LONG DISTANCE helps unite the nation



~CHAMPION JANSEN OF BRAE TARN~



GREAT DANE, 39 times Best of Breed, owned by ROBCAV KENNELS (Robert A. Cavenaugh, Glenview, III.)

Robert A. Cavenaugh, breeder of champions, advises:

"Make sure your dog's food can pass your inspection ...



TAKE a good look at the food your dog gets. Yes, and sniff it, too! That's how to make sure your dog's food is wholesome, appetizing.

Make this simple test on Swift's Pard Dog Food. See for yourself how tempting and honestly good Pard looks and smells. Pard contains what all normal dogs need for sound, vigor ous health: All of the essential food elements, necessary vitamins and minerals. Start your dog on a Pard

diet today. He'll want it regularly! COMPLETE VITAMIN CONTENT An exclusive diet of Pard provides an excess of each of the vitamins above the known daily requirements of any dog. Contains nicotinic acid, specific in the prevention and cure of black tongue. Contains Vitamin B₂ (rihoflavin), essential for growth and healthy skin condition. Also, all of the other known essential vitamins: A, B, D, E, K, Pantothenic acid

Pard diet proved healthful through 5 generations!







LETTERS TO THE EDITORS

as element \$1 Ten't Thallium \$1 and ROBERT D. TEETERS 8th Grade

Elkins Park Junior High

• Go to the head of the class -ED

You stated that a light year is equal to 6,000,000,000,000 miles. In reality it is only 5,853,408,840,000 miles. You may not think missing it by 146,591,-160,000 miles is very much, but when you talk about 1/1,000,000,000,000 centimeter as a comparison I think you

BRUCE BARNES PARSONS (An Amateur Astronomer) Salt Lake City, Utah

 In 6,000,000,000,000 miles, 146,-591,160,000 miles is not very mue (2.5%). Astronomy does not pretend to define a light year within 1% of absolute. Hence astronomers seklom write a light year with more than three significant figures, prefer the rounder number of 6,000,000,000,000 -ED

I would challenge the repeated state ment that scientific progress in Ger-many is being stymied by the Nazi war effort. Mere tallying of published arti-cles does not indicate the probable nature of Germany's future scientific endeavor, nor prove a stackening of to-day's effort. Undoubtedly pure science has been diverted to fit the evigencies of war, but your statement that "German science must surely wither and with it. ehief pillar of Oerm mind, questionable, I don't believe that the perverted aims of Hitler can about for long the natural tendencies of curlous people. OALEN WILSON

Dayton Ohio • The 25% decline in scientific publieation in Germany during the past two years reflects more than war censorship. Volume of publication is u reliable index of vitality. The collahoration of scientists, on which progress depends, depends in turn on full and immediate reporting of discoveries. A case in point is the story of sulfanilamide. It was held under lock and key by the I. G. Farbenindustrie for five years while a staff chamist Garbard Domask tried to isolate the active factor in its chemistry. Within six months after his papers were published, the I. G. patent monopoly on the sulfa compounds was smashed by the work of two French chemists. In only three years U. S. chemists, through volume of research spurred by free publication, have produced four new and highly effective sulfa compounds.-ED.

Panama's President

Here is additional proof that the new president of Panama has no pro-Nazi leanings and that he can be counted on



(continued on p. 6)

RESERVE DO YOUR HOMEWORK OR AMERICA *********

THE UNITED STATES won't be - can't be-strong unless every American is strong and healthy. Health begins at home, It's home-made. Protecting health is your homework. It never mattered more.

Trustworthy Taylor Instruments help keep America healthy. Taylor Thermometers make it easy to regulate home tem-peratures evenly at the "health-point," avoiding dangerous temperature extremes, helping you save fuel. They keep you posted on what to wear when you go outdoors. Taylor Baroguides forecast and forewarn you what weather's coming. Your doctor-and you - depend on reliable Taylor Fever Thermometers to prevent sickness. Taylor Instruments help you prepare good, zesty, healthful foods. A good part of America's good health, in fact, seems to be Taylor-made.

Taylor has always been able to supply your home with all the Taylor Instruments your health needs demand. hope there will be no shortage now. If you should be asked to wait for a while, the reason will be that we simply can't get the fine materials necessary for Taylor Instruments-Uncle Sam may need them. But whatever happens, guard your health. It's America's strength, Taylor Instrument Companies, Rochester, N. Y.



Helping Keep Americans in the Healthful Or Thousands of Taylor Auto Altimeters have been bought Thousands of Taylor Auto Milintees have been locally and enjoyed by an ensures. Are you printing the new and enjoyed by an ensures. Are you printing the new and dip as you drop down the valley? If your dealer with the printing the printing

Taulor INSTRUMENTS



SERGEANT: Now ain't that just too bad! Think we ought to give him a hand?

CORPORAL: Naw! That's too strenuous. Let's just give him some good advice.

SERGEANT: Like "Switch to B. F. Goodrich"?

CORPORAL: Yeah . . . like that. But come on. First thing you know be'll be getting annoyed!

I't WAS ALWAYS SMART to buy the best tires you could get. Today, it's vital! Because the tires you buy today may have to last a long, long time. No one in the whole U.S.A. can tell you what the situation will be a few

months from now In times like these, most people stick to the things that are tried and true. In tires this means Silvertowns. And because Uncle Sam is using Silvertowns by thousands, they're made even better than ever. You get the benefit

-extra mileage and safety. Remember-every single Silvertown is made with Duramin. That's the "tire vitamin" that puts fight and long life in rubber-and keeps them there.

You can still buy Silvertowns at low prices. And you can still pay as you ride. All B.F.Goodrich Silvertown Stores, and many Goodrich dealers, offer the Budget Plan.

See the new SILVERTOWNS

(Left) SAFETY SILVERTOWN. Duramin gives it longer wear, and top qual-ity. Hi-Flex cords make it stronger

(Center)
DELUXE SILVERYOWN. Duraminmade. Gives the best combination
of mileage, safety, comfort, and

tire can stop you quicker, or keep you safer from skids. 20% more miles than original Life-Saver tire.

SOME B. F. GOODRICH FIRSTS THAT ARE HELPING TO CONSERVE AMERICA'S VITAL RUBBER SUPPLY

ber used in automobile tires rich development that more that keeps rubber young, makes

AMERIPOL, the first synthetic rub- CARBON BLACK TREAD, a B.F. Good- DURAMIN, the amazing discovery

sold to the American public. than doubled tire mileage. tires wear longer, stay safer.



WE ANSWERED 3 million men's 5.0.3



When more than 3 million men shell out 40 million dollarsthey ain't foolin'-and nobody's fooling them!

And that's what more than 3 million men have done to get quick, clean, close shaves the Schick way. More than half the electric shavers in use one Soldala In fairness to your face-give the marvelous new Schick a trial.

Watch your whiskers disappear as the

Caran Grand

SCHICK

OWNERS!

ATLANTA 600 Shodes-Raverty Bldg. BALTIMORE 111 N. Charles St.

sensational 2-M Hollow-Ground Head gently arches the skin surface and makes the beard stand up to be eut down-with never a nick, scrape, burn or pull.

See how quickly the job is done-due to this new Schick's faster "Whisk wik" motor. (Operates on both AC and DC.) See how boy-fresh and clean your face looks back at you in the mirror!

Buy a new Schick on 2 weeks' trial. If you're willing to part with it after that time—take it back to your dealer and he'll refund every penny you paid! SCHICK INCORPORATED, Stamford, Conn., U.S.A. Your choice of TWO HANDSOME

MODELS—styled by Raymond Loewy SCHICK COLONEL—executed in rich, isory plastic with gold-colored trim and hinged Whish-Its. Complete, in simu-lated alligatorinck-awny case, \$15.00. (Or, packed in de InxeDress Kit, 817.50) SCHICK FLYER-executed in burgundy plastic with silver-colored trim and hinged Whish-lis. Packed in roft panch, 3 1 2.50.* Standard equipment an Pan American Air-rays and other lending nirlines. *Sigally highe in Canada say Dealers Offer Easy Payment Terms!

a birthday hist for a new Solich Share!

ST. LOUIS 375-7 Arcade Bidg. SAN PRANCISCO 767 Monadock Bidg STATTIE 701 Sepublic Stdg.

Get this 2-M Head for your shaver! We didn't forget you when we developed this marvelous new 2-M Head, We made it so that it can be used on any of the more than 3 million Schick Shavers now in use!

And it's yours for only \$3.00 (slightly higher in Canada). You get the new head expertly fitted, and the whole shaver inspected, cleaned, lubricated and adjusted free of charge. Simply take your shaver to your nearest dealer or to a Schick Shaver Service Office in: ALBANY SON NIEL Sav. D'k Bidg. ATLANTA ORLEANS III Canal Bodg. ROCHESTER, N. Y. DENVER
JOI Colorade fildg.
DES MOINES
413 Fleming fildg.

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1801 Canel Bodg.
NEW YORK
17 East 42nd St.
NEWADK, N. J.
810 Rayrscod Com. Ebdg.
OKLASDOMA CITY
610 Sightower Bidg.

111 N. Charles B. BOSTON MISSIER C. of G. BONG. BROGGELYN BROGGELYN 1007 FOR Elder. 25.1 Acaderses Bidd. CHICAGO Brown Bidds. CHICAGO Brown Bidds. CINCIDNATI 114.4 Seconder Bidg. COLVENIATI 21.4 Seconder Bidg. COLVENIATI 31.4 Seconder Bidg. COLVENIATI 30.1 Sweetland Bidg. DALLAS DALLAS DALLAS DALLAS DALLAS DALLAS DALLAS BIGG. DALLAS BIDGS. BIDGS. DALLAS BIDGS. BID	Soid Industrial Fr. Bidg. BAITFORD, CONN. BOLSTON BOLS	NSB ALEX, N. J. Come. IDdg. NSB ALEX, N. J. Come. IDdg. NS ASDOCKETT 619 Big-blower bidg. OMAHA OMAHA PILLADSE PHIA 712 Clearing St. PUTTARDITUM 210 Black of Com. Bidg. PORTLAND, ORE. I've Bidg. PROVIDENCE. SOO TURE Bedg. PROVIDENCE. SOO TURE Bedg.	BAN PRANCISCO TO THE MANAGEMENT BY THE MANAGEMENT BY THE MANAGEMENT BY THE MANAGEMENT BY THE BANGEMENT BY TH
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LETTERS TO THE EDITORS

for full American co-operation. Last fall be enrolled his neph w. Ernes la Guardia in Kemper Military School. When his accession to the presidency was assured the cadet's uncle. Bleardo A. M. Hitch, Kemper superintendent, and asked him to give the news to the boy. The picture shows the colonel handing the message to Ernesto.

P P WHEELED Lieut., U.S.A. R Kemper Military School

Boonville Mo Lawrenceville's Flags

I respectfully call your attention to the incorrect use of the American Flag In the picture showing the campus at Lawrenceville School (LIFE, Oct. 20). Lawrenceville School (LIFE, Oct. 20). Quotation from the Flag Code, adopted ed at the Second National Flag Con-ference at Washington, May 15, 1924, follows: "Do not place any other flag



pennant above or, if on the same level, the right of the flag of the United

States of America The Correct Use of the Flag Com-sittee of the Daughters of the American Revolution is making a special effort this year, in its campaign for patriotic

education, to correct any misuse of the flag wherever it is observed. MARIE A DIPLO

• Lawrenceville's flags are flown not from a staff but from a mast. In accord with correct nautical etiquet the antional colors are flown from the suff the school flag from the peak of the mast. On a warship, an admiral's flag would fly from the peak; on a commercial vessel, the house flag.-ED.

Public Schools

Frank H. Reichel Jr. is fortunate in

being able to attend Lawrenceville (LIFE, Oct. 20), and he may receive "a kind of training vastly different from that which a day school can provide," but that training will not be different, as you imply, insofar as it is "a training in practical democratic living." His training in practical democratic

living will be circumscribed by the "priv-lieged corridors" be treads. It will be democratic in precisely the sense that education in ancient Athens was demoeratic. There you had and here you have, the democracy of a small class, tending more and more to operate in a social vacuum

tention of public-school administrators to college preparation is debatable, to say the least. The next statement, that colleges are relaxing requirements in favor of public-school graduates, would be improved by substituting changing for relaxing. The public schools have led the way in freeing the course of studies from excessive preoccupation with Latin and Greek verh roots, and the colleges have been forced to alter their entranco requirements accord-

You extol the fact that the boarding school controls the lives of its students 24 bours a day. Are you prepared to

(continued on p. 8)





The Offer They Soid Could Never Be Made:

Databling authorities and it couldn't be done. They aid we could never
offer challenge of the soil of the so

It's a Treasure-House of Knowledge

Superb De Luxe Edition



	"Effect	ive E	nglist	h" FREE	
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Please send me WEBSTER'S UNIVERSITIES UNARRIDOED DICTION
(is the editors checked below) for 3 DAYS FREE EXAMINATION. At the
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LIBRARY GUILD, INC., 1440 BROADWAY, NEW

TRY A MILDER LAXATIVE...

Many find effective help in lemon and soda

In many cases, lemon and soda can take the place of stronger laxatives. It is usually the answer, also, to the problem of people who "aren't quite regular."



Upon arising or retiring, squeeze the juice of one Sunkist Lemon into a tall glass half full of water,

Into another glass, put 1/4 to 1/4 teaspoon of baking soda (bicarbonate). Pour back and forth, and drink as the foaming quiets.

Or you may be one of the many who prefer only the lemon juice in a full glass of water.

Besides aiding digestion and elimination, lemons are an excellent natural source of vitamin C, the only known source

of vitamin P (citrin), and help promote normal alkalinity. Try this for ten days. See if you don't benefit when you

make it your "regular" rule, crov., 1841, California Frust Growers Exceenge

CALIFORNIA

"Hedde Ropper's Hellywood"-Meny CBS Stations-6:15 P.M., E.S.T,-Mon., Wed., Fri.

LETTERS TO THE EDITORS

drawn that living at home with father and mother, hrothers and sisters may not provide "a laboratory for research and training in the subtle sci democratic living?"

Send your investigators out to the Middle West and let them find out how a public school works. They may find that students of the same caliber as those enrolled by the private schools receive an education in practical democratic living which is superior in every way to that received by their more affluent fellow Americ ALLEN BRITTON

Tentules Cabout astern Illinois State Teachers College Charleston III

Walking Horse

In the Oct. 20 issue, LIFE says that the Tennessee Walking Horse, Greater Glory, steps 42 1/4 in, with her front feet and 67 in, with her hind feet, LIFE ad-mits, I expect, that she takes as many steps in a given time with her front as with her hind feet (she's still in time in

the pictures on page 71).

Therefore it follows that in one minute of this gait, taking about 120 steps a minute, her hind feet have caught up to and passed her front feet by some 240 ft. (they started some 5 ft. bobind) and in a half hour they've gained abou a mile and three furlongs. ould have to be same

ful to bet only on the rear of this horse -she'd never win by a ne D M BARRINGER

Philadelphia, Pa.

As a director in the Tennessee Walking Horse Breeders' Association, I believe that there should be some clarifition of your statements on the length of stride in our horses.

Your article stated that Greater Glory's stride, at full running walk, was only 42 ½ in. for the fore feet and 67 in. for the rear. This is wrong since all four feet make equal strides. The picture on pages 72-73 shows that the overstep is at a uniform distance ahead of the front foot. Your two figures should have measured this overstep: 42% in. from the left rear boof print to the left front foot print and then 2414 in. to the next left rear hoof track,

JOHN B. CONGER Fayetteville, Tenn.

Homemade Mauser

No doubt you inferred from the clumsy holster the Chinese soldier is wearing in one of Photographer Carl Mydans' splendid pictures of China's Northern Front (LIFE, Oct. 20) that



pistols used by China's army are homemade. The pistol and holster are homemade. The pistol and holster are easily recognizable as German: in fact, a Mauser pistol with the ingenious wooden "stock-holster," application of which I have herewith illustrated. Slot-ted insert in muzzle end of bolster fits onto butt of pistol. Together hutt and istol make a handy carhine with effective range of 1,000 yd. Mauser pistols far from being homemade, are corered by gun cranks to be world's fi JOHN F. PUTNAM

Asheville, N.C.

(continued on p. 10)



"YOU'VE A BETTER

BELT THAN I HAD. Tunga L

U. S. Army equipment Is tops for efficiency. The new infantry ammunition belt, for instance, has been greatly improved since the World War, Even the Lift-the-Dot fastener on each packet is a better fostener. It locks tight on three sides, opens anly when the faurth side is lifted, combining ample security with instont speed.

UNITED-CARR FASTENER CORP., Combridge, Moss.

SNAP FASTENERS



IT'S A Snap IN THE ARMY NOW



"Looks like our cook has been handling these! Thank goodness, now I've got an unbreakable percolator"

LONG-LAST...the Percolator of a Lifetime





SMOKELESS TABLE BROILER and HOT PLATE. No smoke ...no ador...no effort! Smart, modern, saving!



TOASTER-WITH-THE-TESTER
... Exclusive inspection device. Makes toast your way
... light or dark!



Baker that has Twins!
It makes two four-section
waffles at once!



IRON-THAT-WAGS-ITS-TAIL ...Non-kink cord with swivel action that follows your strokes!

See these and other electrical conveniences of Monning-Bowman quality at better stores. Irons, Wosfle Bokers, Toasters, Percolators, etc. Write for folders: Monning, Bowman & Co., Meriden, Conn.

Manning Best Bowman

Fashion hails the matchless thinness of this GRUEN "miracle" of watchmaking!

THE PATENTED COURS ALSO LAIN MOVEMENT

NEW Gruen Veri-Thin, you know it's one of the

thinnest watches ever made. It is, in fact, the world's

most popular thin wristwatch. Look at the diagram (above) and you'll see why watchmakers say "Miracle!" when Veri-Thin's name is mentioned. Here's the patented Gruen Veri-Thin movement. Note the big working parts - big for dependable accuracy and sturdiness. See how their unmatched re-distribution gives the Veri-Thin As for style . . . America's foremost fashion designers vote Gruen the world's best-designed watch. And Veri-Thin is one of Gruen's greatest! See the new models at

your Gruen jewelers today. Gruen watches from \$24.75 to \$250; with precious stones to \$2500. Write for folder. The Gruen Watch Co., Time Hill, Cincinnati. O., U.S. A. In Canada: Toronto, Ont.



ANDREW GOODMAN of New York's famed Bergdorf Goodman . . . member of the distin-guished American Fashion Jury acclaim-Fashion Jury acclaim-ing Grace's auperb watch-styling.



Model illustrated on girl's wrist — VER1-THIN OVERTURE, 17-jewel movement, yellow or pink gold-filled case with Gelidits bark, matching flex basedet ESC.60.



LETTERS TO THE EDITORS

Chinese Mausers are nonetheless homemade in China's industrial cooperatives. The term homemade is not derogatory. Chinese craftsmen do a good joh.-ED.

Villand's Railroad

In LIFE, Oct. 20, you say: "As a feat in Liffe, Oct. 20, you say: "As a feat of transportation ploneering, Pan Amer-ican Airwaya has been compared with the Northern Pacific Railway and the Cunard Line. Neither comparison does Justice to Trippe who, unlike James J. Hill or Samuel Cunard, was working both on a worldwide scale and in a new element." You have here unintentionelement." You have here unintentionally done an injustice to my father, Henry Villard, who was the pioneer who carried the Northern Pacific Railway to completion. Mr. Hill building years later the Great Northern Railway and saving that he could not have accomplished what he did if Villard had not d the way with the Northern Pacific. OSWALD GARRISON VILLARD New York, N. Y.

Best News

Is there any way you can find out whether that sweet-faced British sailor lad, Philip Gamester (LIFE, June 16), got home with his hams? If you can, it will be the best news you ever pub-lished. One could see from your story about him that his heart is with the mry opes at home FLORENCE B. SMITH

Wattecon Ohio

My nephew, Philip Gamester, arrived safely with his hams and I sampled some of the ham, also some mar-malade which was delicious. He had a good deal of excitement and a very narrow escape coming over. You can guess from whom. The last I've heard from him was from Sunderland on Sept. 1 He had been to Scotland for a second supporty course, which he record and I expect he is now again at sea. We don't know what his destination is this time, but I expect if he is coming to Amer-ica again you may be seeing him. M. HUMPHRY

Durable Dress

I was somewhat surprised when I locked at the picture of Carole Landis at a night cinh (LIFE, Oct. 13). Can it be she is still wearing the same dress shown in LIFE, June 17, 1940?

After studying the two pictures of Miss Landis (and that was no trouble at all). I'm convinced the dress is the



same. I had always thought movie ac-

tresses had a million dresses, but after seeing the way she looks in that dress I hope you print another picture of her in it in 1942 and 1943. R. E. GOWDY

Columbus. Ohio

Editorial correspondence should be addressed to: THE EDITOR, LIFE TIME & LIFE BUILDING ROCKEFELLER CENTER NEW YORK CITY

"My sincere thanks to the Wine Islands for these delicious wines"



FINEST GRAPE DISTRICT

 America's only woman wine steward...Josephine Molera... deems it a privilege to recommend E & K Ohio Wines! Her exceptional ability as a wine connoisseur qualifies her to rule over the huge wine cellar of this famous hotel. She praises E & K Wines for enchanting goodness from America's "wine grape paradise"...the Lake Erie Wine Islands. But the smallness of the district limits the supply...so buy
now! Taste really fine wines...drink E & K. Sauternes, Delaware, Chablis, Catawba, Rhine . . . also Port and Catawba, Rhine...also Port and Sherry with alcohol 20% by volume. Use E & K American Vermouth, alcohol 18% by volume, for perfect Martinis. The Engels & Krudwig Wine Company, Sandusky, Ohio.





but now Jie got Tony on my conscience!



1. IT WAS THIS BIRD, ED SUMMERS' FAULT, Before I knew who he was I used to see him catching the 8:05. A lot of guys catch the 8:05, but the reason I noticed Summers was the way he never seemed to mind the weather.



2. IT WOULD BE PRETTY CLOSE TO ZERO and I'd be shoking in my shiver cost wondering how I could keep worm until the train came . . . and all the time this chap Summers would be strolling around the platform looking like the breath of Spring.



3. THEN ONE DAY, BANG! We run into each other head on and we get to talking about the weather, there being planty of weather to talk about that day. I ask him how come ha seems to heve more red corpuscles than the rest of us, and all he does is laugh and say, "RAMBLER."



4. I PULL A BLANK and he explains that Rambler is the coat he wears and that it's made by Hart Schaffner & Marx. I still must look pretty blank becouse ha goes on to explain that Rambler is a blend of wool, alpaca, and mohair. "That's why Rambler is light on the shoulders but werm at the same time," he says. His sales talk is enough for me . . . that noon I highball over to the Hart Schaffner & Marx dealer's and get myself a Rombler . . . and it's one of the swellest looking costs I ever laid even on-



5. NEXT MORNING the weather man has shoved the mercury 'way down out of sight, but that doesn't faze me. I fall into step with Ed and understand for the first time how a man can live in any kind of weather, and like it.



Rambler

is truly the all-purpose coall it's imparvious to wrinkles, it's weather-resistant, it's practically waer-proof, end it's a beauty to behold. Light en your shoulders, easy to wear and ingenieusly blended of silky, long-hoired olpece, seft, lustrous mehoir end fine, selected wools, Rombler brings out the best qualities of each for your enjoyment. Stop in this week at the outstanding men's store in your town-the store that features Hert Schaffner & Merx clothes—and get set for the weather that's ahead—in a Rambler,



6. AND NOW, HERE'S WHERE TONY COMES IN. I gave him my old coat and a happiar-lookin' guy you never did see ... But I can't sleep nights any more for thinking of Tony, sitting up there on his wagon, shiverin' and shakin' lika I used to!





SPEAKING OF PICTURES . . .

THIS WONDERFUL TELESCOPIC SHOT OF NEW YORK WAS TAKEN FROM 13 MILES AWAY

The spectacular shot above of New York to taken with a telescopic lens from the foot of Great east across New Jersey, over ridges and meadows and the Hudson River, smack into the middle of Manhattan. The skyline is 13 miles from the camera. The roof of the greenhouse in the foreground, which seems right under-



neath the lens, is actually two miles away from it. The church spire in the middle which seems to be only a couple of blocks from the greenhouse is actually a couple of miles from it.

Andreas Feininger, who has been photographing New York City for a contemplated book (a portfolio of his New York pictures appeared in LIFE, April 14) spent days riding around New Jersey looking for a place to take a shot which would show how New York; great skyline, once bunched downtown back, of the Battery, now strings along the midtown island. The picture he finally got has a surprising old-world look of small towns grouped in the phensant countryside which still borders the great metropolis. Feninger med a $2^{4}\chi \approx 2^{4}\chi$ Exacta camera which he had rebuilt and fitted with an 18-in-long telescopic lens. The photograph was taken on fine-grain Parantomic X film with a dark-red filter to cut through the haze. The lens opering was set at F26 and the exposure at three seconds. The long lens used had a very narrow angle—only 14° as against 60° on normal lenses.



Your store also has a big value in Cannon Muslin Sheets at a low popular price.

SPEAKING OF PICTURES



INE Limpte State bouluing tooms on the skytine in this shot taken from a point seven miles away. Intervening ridges cut off nearby buildings which show in picture on the previous page, leaving the building's top 50 stories sticking up out of nowhere.



The kind of camera Feininger uses on telescopic shots must have a lens with very long focal length when large-size film is used. Lens in this 4x5 camera can be pulled out to 130 in. If he uses smaller-size film he can use a lens with shorter focal length,



bad breath this minute—unknown to you, but only too well-known to your friends! So play safe! Use Colgate Dental Cream—the toothpaste that cleans your breath while it cleans your teeth!



YES, SCIENTIFIC TESTS PROVE CONCLUSIVELY THAT IN 7 OUT OF IO CASES, COLGATE DENTAL CREAM INSTANTLY STOPS ORAL BAD BREATH

> HERE'S WHY: Colgate's has an active penetrating foam that gets into the hidden crevices between teeth—helps clean out decaying food particles—stop stagnamt saliva odors—remove the cause of much had breath.

BESIDES, Colquie's has a soft, sade polishing agent that cleans ename! thoroughly, yet qently ... makes teeth naturally bright, sparkling! No wonder people everywhere are quitting liquids, powders and other pastes for Colquie Denial Cream!



Play Sale! Manage Play Play Sale Pla







SMOOTHER ... IT'S TASTIER ... IT NEVER VARIES

LIFE'S REPORTS

NAZIS SECRETLY PLAN END OF ESTABLISHED CHRISTIAN CHURCHES

INTRODUCTION by DDUGLAS MILLER

Author of "You Can't Do Business with Hitler"

in his Nary Day radio address on Oct. 2: President Roosenelt said: "Your Government hast in its patestinin a desoment made in Germany by Histi 2: government. It is a detailed plan which, for obvious reasons, the Naryid on now this publicity justyte. ... It is a plan to abolish all existing religious, Catholist, Presistant, Mohammedan, Hinda, Buddhist and Jewish alike."

This plan appears in full detail in the pages of LIFE that follow. It is known as the "20-Point Plan." It was drawn up by Alfred Rosenberg who for years has been an intimate associate of Hitler and whom Hitler appointed philosophical and religious official of the Nazi Party. Though this plan has not yet been publicly proclaimed by the Nazi hierarchy, it has already received the support of the leaders of the Nazi Youth organization, of Heinrich Himmler, head of the S. S. and Gestapo, and of Propaganda Minister Goebbels. A copy of the plan, which is circulating among the innermost circle of Nazi leaders. was recently received in the U.S.

As the p-Point Plan, which was designed in German, was not moust for wastile eyest, some of its contents med a word of clerification. If you into fall effect, the Plans oneans that the Naziv will have dealered all-saw war on the forest and trackings of Christianity. All the wood-forming would be a nationalistic Nazi God workshop in a National German work of the National Charles which "will the coryphing within its power to severe the admitted to the National Germany and out. No foreigners, between are to be included.

This new Church would be subservient to the state. The publication and distribution of the Bible would no longer be permitted. The





We all dream of the "good life", yet so many of us put up with an energy-lacking existence. In many cases this is solely due to a delictency in the daily vitamin intake. What can such a person do

what can such a person do about it? Simply this: take VITAMINS Plus as a supplement to the diel. Result: increased well-being ... added zest... and the feeling that lite really does begin with VITAMINS Plus.

VITAMINS Plus was cre-

VITAMINS Pins was created to bring to the average person seary-to-obtain year.

MINS Pins gives you not just one or two or three of two or three of the searches, but significant potencies of these essential vitamins: A, B, C, D and G, and for added effectiveness, liver concentrate and iron.

Every person should inves-

tigate the value of taking two
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daily as a supplement to the
diet...ensuring an increased
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Start the VITAMINS Plus
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discover the difference!

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Exquisitely cased in 14K rosé gold, No. 4204E. 862.50

pays

CLAUDETTE

Noted American øtyle leader; star of Paramounts new picture, "Skylark"





Matching bracelet, 14K gold filled, No. 4306B, \$60.00

Distinguished for her exquisite tasts, Claudetts Colher's to see America's obstanting larders in style. Her brilliant and versatile demantic talents have brought her starring roles in filter Broadway productions and thirty-sight motion pictures. An ardent skier, also not he vomen's open sladour area at Sun Yalley this year. She paints excellent water colors and cellers, iden miniatures. The new Lord and Ledy Frinn, "asy Miss Colhert," are dougent continuing to the first of the production of the collections of the cells off radiation.

Highly original - these watches set new fashion standards for the world!"

ONLY leading American designers could have conceived auch unusual patterns. Only Elgin's skilled workers could have given then their distinguished grace and beauty. The new Lord and Lady Elgin's brilliantly confirm America's growing style supremacy.

Elegance marks every detail of these master American timepieces. Cases are platinum, gold, or 14K gold filled. There are high-curved crystals ... surfaces polished to a mirror-like finish...

lovely tinted dials.

Others will admire the out ward charm of your Lord or Lady Elgin. But there's an even deeper satisfaction for you in the superh dependability to effers. For it contains 19 jewels or more. And it has Elgin's celebrated technical advances.



14K rasé gold filled. High-curved crystal. No. 4303E, \$55.00

The patented Elginium hairspring[®] and Beryl-X balance are both rustproof and non-magnetic. Each Lord and Lady Elgin has, too, its own

Each Lord and Lady Elgin has, too, its own individual Elgin Observatory Certificate for timekeeping ability proved in rigorous tests in a great time observatory.

Thoroughly American! Elgin is the world's largest-selling fine watch made in America. And

largest-selling fine watch made in America. And today Elgin craftsmen are doing their part for defense, too: making precision instruments for army, navy and aviation use.

defense, too: making precision instruments for army, navy and aviation use. For Christmas this year—choose a Lord or Lady Elgin at your jeweler's. Prices are from \$55.00. Elgin De Luxe watches start at \$42.50. These prices include Federal Tax. Elgin National Watch Company, Elgin, Illinois, U.S.A.

*Patent Nos. 1,974,595 and 2,072,489



Styled in the modern manner, 14K gold, No. 4505.A. \$110.00

<u>Ford Elgin</u> <u>Fa</u>dy Elgin



Mirror-finished case. 14K gold filled, No. 4609 A, \$62.50

AT HARVARD, AS ELSEWHERE -





cycle you buy or rent.

· All over the country, thousands of collegians are riding bikes for convenience and for healthful exercise. And most of them prefer New Departure Coaster Brakes. At Harvard, for instance, a careful bike-by-bike survey shows the score is 71% for New Departure, 29% for all others. At left is the survey count on other well known campuses.

The reason for this outstanding preference is simple. Today and for years New Departure has been distinguished for smooth. trouble-free performance. The world's lightest and strongest bicycle brake, Zin



LIFE'S REPORTS

cross would be removed from every church in areas under German control. Priests, pastors and church officials would be dismissed from their holy offices. They would be replaced by Nazi propagandists who would expound Hitler's Bible. Mein Kampf, every Saturday evening in the new National German churches. The selection of Saturday evening is probably designed so that Sunday will be left free for the political, military and athletic events of the Nazi Party.

The 30-Point Plan would prohibit Christian marriage, hantism and burial. It proclaims a Nazi marriage ceremony in which the bride and groom simply swear upon the hilt of a German sword. In each church the sword would hang by the altar in place of the cross. In each of these churches Mein Kampf would replace the Bible.

This new program is already partly in effect. The prohibition of Christian marriage, burial and baptism has long been effective in strict Nazi circles. This is already part of the program of the large Hitler Youth organization. Another part of the program already in effect concerns the publication and distribution of tracts by established churches. Since June 1, 1941 the Catholic Church has had to cease publication of all periodicals, bulletins and newspapers. The Nazis have already closed hundreds of religious publishing houses. For a long time they have been stealing the property of German churches and imprisoning priests and pastors like Pastor Niemöller. The Plan is obviously a scheme to break the last tie that pious Germans may still have with the outside world. The Nazis have always feared the existence in their midst of any other organization, religious, political, social or economic, that attached the loyalty and affection of individual Germans to non-Germans. Hence one sure way to abolish the internationalism of religious groups is to abolish their religion.

One sensational part of the Plan is that it fails to provide for any sort of religious teaching to non-Germans. Apparently, as Hitler bas often suggested in Mein Kampf, the conquered peoples of Europe are to be treated as little better than domestic animals. They will be left



FOOT-O-GRAPHS



ng me to buy these



ortage dealer, or write us for PORTAGE SHOEMFG. CO., Milwaukee, Wis.



CONTINUED ON PAGE 21



is brought to the actic studio of her artist lover, Rudolph; there, in music notable for pathos and delicacy, she tells him of her love

Between two Worlds

The heart of man wavers between doubt and faith. Clear as crystal, now, is the purpose of life, and one's own goal. But the mood of confidence passes, and in its place is uncertainty, and a wonder about tomorrow.

Then the thoughtful person turns for new power to some inspiration outside himself. Music offers it, superbly. The voice of the Capehart-Panamuse Phonograph-Radio is a new outlook on life! To the confusion of these troubled times it brings a calm and a quiet.

This instrument stems from a distinguished family. Designed by the same engineers who developed the De Luxe Capehart, supreme among musical instruments, it faithfully follows the great Capehart tone-tradition.

Its unique "Program Control" permits you to predetermine the number of record selections you wish, from one to fourteen. The radio unit brilliantly receives world-wide broadcasts. Cabinets are of fine furniture woods, in authentic period designs.

THE DE LUXE CAPEHART The Capehart Phonograph-Radio is built to provide the world's finest musical reproduction. It has the time-proved record changer that turns the records over-playing 20 records (40 selections) continuously-on both sides or either side. Prices range from \$645 to \$1275.* Control stations and speakers may be placed throughout your home and grounds. For terms, see your Capehart dealer. Consult the classified telephone directory for his name. Write us for beautifully illustrated brochure. The Capchart Division, Farnsworth Television & Radio Corporation, Fort Wayne, Indiana,

The Capehart-Panamuse Chippendale, at \$339.50.* Models from \$179.50 to \$399.50.* Convenient purchase terms. *Prices are slightly higher on the West Coast. All prices subject to change.

HALL-MARK OF HARMONIOUS LIVING

You can always count on **OLDSMOBILE!**



SHELL AND CANNON FOR THE U.S.A. !



serve America's military oceds, to serve America's military occeds, arms and ammunition are more coming off the production lines at Oldsmobile's great manufacturing arsenal at Lansing, Mitchigan—high-calibershell for the field artillery and automatic cannon for fighting planes.

Defenue comes first with Oldsmobile!



EVEN BETTER LOOKING, EVEN BETTER LASTING, EVEN BETTER BUILT THAN

ANY OLDSMOBILE IN 44 YEARS ! Cannon and shell have right of way at Oldsmobile! All the plant facilities and man power needed for their mass production are going "full speed ahead." Oldsmobile's remaining facilities are engaged in producing, in limited quantities, a new kind of car that's completely in tune with the times. It's the Oldsmobile B-44-styled to stay modern and built to stay young. It features new Double-Duty Bumpers, Fusclage Fenders, Dreadnaught Frame and engines of greater "firepower." For dependability-depend on the B-44!

FOR YOU!

Offering Proved and Improved

With no clutch pedal to press and oo gears to shift by hand—with gasoline economy that is increased by 10 to 15 per cent—Hydra Maric to simpler, safer, more efficient driving. Now coetering its shift great year, Hydra-Maric Drive in available on all models of the mew Oldsmobile B-44, both Six and Eight.

+Ontional at Extra Cost



It's Quality-Built to Last!



PORTIS

But, brother, you'll be buying with your eyes wide
open—for the new Portis
styles and colors ore eyeopener — And, Portis
Firmo - Féllting makes
possible a "luxury" finish you'd look for in hats

double these prices: \$500 Alse \$4.35, \$6.00 and \$7.50

See your dealer—Compare
—You'll pick Firma - Felt!

FIRMA FELT: All Partichats now

underga a naw, secretly appliad processing called Firma - Pelling. This extra operation imparts an extra fine, extra soft, extra luxurious feel — assuras extra wear—

PORTIS BROS. HAT CO., MANUFACTURERS, CHICAGO



LIFE'S REPORTS

(continue

to be born, to mate and to die without benefit of clergy.

THE 30-POINT PLAN

1. The National Reich Church of Germany categorically claims the exclusive right and the exclusive power to control all churches within the borders of the Reich; it declares these to be national churches of the German Reich.

2. The German people must not serve the National Church. The National Church is absolutely and exclusively in the service of but one doctrine: race and nation.

3. The field of activity of the National Church will expand to the limits of Germany's territorial and colonial possessions

4. The National Church does not force any German to seek membership thetein. The National Church will do everything within its power to secure the adherence of every German soul. Other churchs or similar communities and untions particularly such as are under international control or management cannot and shall not be tolerated in Germany.

 The National Church is determined to exterminate irrevocably and by every means the strange and foreign Christian faiths imported into Germany in the ill-omened year 800.

6. The existing churches may not be architecturally altered, as they represent the property of the German nation, German culture and to a certain extent the historical development of the nation. As property of the German nation they are not only to be valued but to be preserved.

7. The National Church has no scribes, pastors, chaplains or priests but National Reich orators are to speak in them.

8. The National Church services are held only in the evening and not in the morning.

CONTINUED ON NEXT PAGE



Try It Yourself Tonight

If the strain of these atrenuous times is tirring you out—if you wake up listless or logy—feel fatigued long before night—here is important news.

Today, throughout the world, there is a new idea of what to do to meet special strain. A revolutionary, scientific idea of how to build up increased vitality to stand physical and nervous stress. You've undoubtedly read shout it in recent newappear and magniane—know that scientifis, government of warring nather in the standard of the strain of the standard the idea that people need special food in addition to the normal diet to be at their bearparticularly those under special strain.

What To Do

In light of this new knowledge, thousands are taking a cup of new, improved Ovaltine each night and morning. For Ovaltine is a special food-concentrate designed to do two important things:

First: When taken warm at bedtime, Ovaltine fosters sound sleep, in a safe, natural way, without drugs. It has the power to relieve that feeling of "nervous tension," thus helping to condition the mind for rest.

Second: Ovaltine supplies a special combination of food factors designed to replenish vitality while you sleep—rebuild worn-out muscle, nerve and body cells. It provides significant amounts of the rarer food elements everyone must have for vigorous health—in a food specially processed for easy digestion protecting minerals, vitasmin A. B., D and G. all the essential amino acids, pyridoxine, spanothenic acid—demonst now known to be denoted and the control of the control of the conance against strength-sapping food deficiencies which affect more than 1,6 of all remote to the

ance against strength-apping tood detectives which affect more than 35 of all people today. So by all means, try this "special food" idea modern acience is urging. Turn to new, improved Ovaltine at night and in the morning, starting tonight. See if you don't soon begin to feel infinitely "freshee" and more alive—with abundant vitality to face these strenuous times. Get a tin of Ovaltine, now.

Ma	il for	Fre	e S	ampl	les
OVALTI 360 N. Y	INE, De dichigae send fr se Flavo trated h	pt. S41- Ave., C re samp red Ove	L-t1 hicego des of trine,	, Ill, Regular	and
Name .					
Addres					
City			Stat	e	
0	va	el	ti	ne	e

He owed the Lady An Apology



-and don't forget to meet the rest of the famous Garrett American Family

TO MY GUESTS TONIGHT

YES—and it's really a big family...because there's a delicious Garrett Wine of every type for every taste. Whether you prefer one wine or many, Garrett offers a way to "splurge" inexpensively. Make your choice from the famous Garrett list or choose Virginia Dare ... the delicious, tempting drink that is always right whenever it's time for wine. It's bound to make a hit with guests . . . step up your own wine enjoyment, too.

Famous Garrett American Wines: Virginia Dare (Red or White)
... Black blerry... Sautemes... Haut Sautemes... Rhine... Burgundy... Claret... Porf.'. Sherry'... Muscate!'... Tokay''.
Paul Garrett American Champagne, Sparking Burgundy and
Pale Dry Sherry'... Allowid 205 by Felume
Allowid 205 by Felume

Give me GARRETTS America's Call for Wine



LIFE'S REPORTS

These services are to take place on Saturdays with solemn illumination.

9. In the National Church German men and women, German youths and girls will acknowledge God and His eternal works.

10. The National Church irrevocably strives for complete union with the state. It must obey the state as one of its servants. As such it demands that all landed possessions of all churches and religious denominations be handed over to the state. It forbids that in future churches should secure ownership of even the smallest piece of German soil or that



such be ever given back to them. Not the churches conquer and cultivate land and soil but exclusively the German nation, the German state.

11. National Church orators may never be those who today emphasize with all tricks and cunning, verbally and in writing, the necessity of maintaining and teaching Christianity in Germany. They not only lie to themselves but also to the German nation goaded by their love of the positions they hold and the sweet bread they eat.

12. National Church orators hold office as government officials under civil service rules.

13. The National Church demands immediate cessation of the publishing and dissemination of the Bible in Germany as well as the publication of Sunday papers, pamphlets, publi-

CONTINUED ON PAGE 24





Out where defense begins

Surrounded by vast oceans, the Americas must keep those oceans free, Potential highways of invasion, they must be kept highways of commerce.

Looking far ahead, the American aviation industry and the air arms of the Army and Navy years ago began developing long-range aircraft. With these they pioneered routes across the seven seas and seven continents, gaining world leadership in long-range commercial and military operations.

Today that wealth of experience is bearing fruit in

the creation of the mightiest long-range striking force the world has ever known . . . rounded out by the new Bomber Program. Under this program, five hundred giant bombers a month will roll off assembly lines, ready to roar away on their missions out where defense begins.

All of these bombers are to be equipped with Hamilton Standard Hydromatic propellers, a task which United Aircraft confidently expects to accomplish on schedule - as in the past.

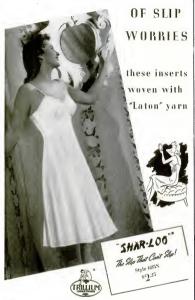
UNITED AIRCRAFT CORPORATION EAST HARTFORD . CONNECTICUT







BEGINNING OF THE END



THE most important thing about a slip is what happens when you sit down. In this slip two ingenious side inserts stretch to absorb every change of position without displacing the slip. It means no more riding, sagging, twisting or binding. Thanks to straight-cut front and bias-cut bock and these "Laton" yorn inserts, "Shar-Loo" fits perfectly and comfortably all the time. You're sleek and slim without benefit of bra and hip-smooth because there are no side seams. Illustrated, tailored style No. 605N, rayon crepe. Also in rayon satin or silk and rayon, all materials in white, black, shell pink, tearose and opaline. Sizes 52 to 40 regular and 311/2 to 371/2 short lengths and t1 to 17 junior. If any store can't supply you, write, giving store name, to Tailored Silk Undergarment Co., 136 Madison Ave., New York City, sole makers of "Shar-Loo" Slips.

REG. U. 8 PAT OFF DESIGN PAT. NO. DIZS-107 TAILORED BILK UNDERGARMENT CD., INC.

OLON ...ANOTHER MIRACLE YARN...EXTRA SOFT AND ULTRA FINE

An elostic yorn manufactured exclusively by United States Rubber Company, mokers of "Lastex" yorn, 1230 Sixth Avenue, Rockefeller Center, New York City



LIFE'S REPORTS

cations and books of religious

14. The National Church declares that to it, and therefore to the German nation, it has been decided Führer's Mein Kampf is the preatest of all documents. It is conscious that this book contains not only the greatest, but that it embodies the purest and truest ethics for the present and future life of our parion

narnre

15. The National Church has to take severe measures in order to prevent the Bible and other Christian publications being imported into Germany

16. The National Church has made it its sacred duty to use all its energy to popularize the co-eternal Mein Kampf and to let every German live and complete his life according to this

17. The National Church demands that further editions of this book, whatever form they may take, be in content and pagination exactly similar to the present popular edition.

18. The National Church will clear away from its altars all crucifixes. Bibles and pictures of Sainte

19. On the altars there must be nothing but Mein Kampf (to the German nation and therefore to God the most sacred book) and to the left of the altar a sword.

20. The National Church speakers must during National Church services propound this book to the congregation to the best of their knowledge and ability.

21. The National Church does not acknowledge forgiveness of sins. It represents the standpoint which it will always proclaim that a sin once committed will be ruthlessly punished by the honorable and indestructible laws of nature and punishment will follow during the sinner's lifetime

22. The National Church repudiates the christening of German children particularly the CONTINUED ON PAGE 22

Do You know whu-



praised Guinness?

Have YOU tasted the most popular brew in the world?

Its colour is deep, transparent ruhy. Its head is elose-knit and creamy. Its flavour is different from any other brew you're ever tasted. Clean, racy, fullyou're ever tasted. Clean, raey, full-bodied—distinctively and unmistak-ably Guinness! Try a Guinness today and judge its fame for yourself. 11's especially good when you're tired.

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LIFE'S REPORTS

christening with water and the Holy Ghost.

23. The parents of a child must only take the German oath before the altar. This oath is worded as follows: The man: 'In the name of God I take this Holy oath that I (name), the father of this child, and my wife, are of proven Aryan descent. As a father I agree to bring up this child in the Ger-



man spirit and as a member of the German race."

The woman: "In the name of God I take this Holy oath that I (name) bore my husband a child and that my husband is the father of this child and that I its mother am of proven Arvan descent. As a mother I swear to bring up this child in the German spirit and as a member of the German race." The German diploma can only be issued to newly born children on the strength of the German oath.

24. The National Church abolishes confirmation and religious education as well as the

CONTINUES ON NEXT PAGE



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WITH SAFE, DEPENDABLE, FREE HOT WATER

LIFE'S REPORTS

(continued)

communion, the religious preparation for the communion. The educational institutions are and remain the family, the schools, the Hitler Youth and the Union of German Girls.

25. In order that school graduation of our German youth be given an especially solumn character, all National Churches must put themselves at the disposal of German youth. The Hitler Youth day will be on the Friday before Easter. On this day only the leaders of these organizations may speak.

26. The marriage ceremony of German men and women will consist of taking an oath of



SHRINE IN CORNO'S HOME

faithfulness and placing the right hand on the sword. There will not be any unworthy kneeling in National Church ceremonies.

77. The National Church declares the tenth day before Whitsunday to be the national holiday of the German family.

28. The National Church rejects the customary day of prayer and atonement. It demands that this be transferred to the holiday commemorating the laying of the foundation stone of the National Church.

 The National Church will not tolerate the establishment of any new clerical religious insignia.

30. On the day of its foundation the Christian cross must be removed from all churches, cathedrals and chapels within the Reich and its colonies and it must be superseded by the only unconquerable symbol of the Haknkruz [swastika].



For Relief of HEAD COLD Misery...



Relieve tormenting head cold stuffiness and bresthe easier. Put a few drops of Vicks Vartronol up each nostni and see how fast it (1) shrinks swollen membranes, (2) relieves irritation, (3) helps clear clogged mass passages... And makes breathing easier!

And remember . . . used at first sniffle or sneeze, Va-tro-nol helps to privens many colds from developing. Follow complete directions in folder.

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.........

LIFE'S COVER



Seductively bedecked on LIFE's cover is Gene Tierney as she ap-pears in Sundown, Walter Wanger's new movie of German spy activities in East Africa. This year has been a strenuous one for Gene. In June she married Count Oleg Cassini, a dress designer. In July her parents sued to prevent her from signing a new went ner from signing a new movie contract which would de-prive them of 25% of her earn-ings. In September she had a wisdom tooth pulled. Last month she fainted from overwork in her new movie, Shanghas Gesture. For more news of beautiful Gene Tierney's vicissitudes, turn to page 63.

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GENERAL MANAGER: C. D. Jackson ADV'G DIRECTOR: Howard Black Subscriptions and all correspondence re-

garding them should be addressed to concu-LATION OFFICE: 330 East and Street, Chicago, Bhoois. Life is published weekly by Time Inc.—Edi-torial and Advertising offices TIME at LiFE Bidgs, Rocksteller Ceotes, New York City— Henry R. Lock, Charman, Roy E. Larsen, Fro-dens; Charles L. Smillian, Tressurer, David W. Brochbards Constant.

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At last somebody's done something about the weather-



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keeps you "just right" all night long!

Open the windows wide. Let the blizzards come and go. It's always Springtime under your Automatic Blanket, newest wonder from the G-E House of Magic.

Just one blanket on your bed - Winter, Spring and Fall. A deep-napped, beautiful blanket that's actually weather-wise: it automatically keeps your bed at exactly the cozy warmth you like, no matter how the bedroom temperature falls or rises.

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We could say more, but you'd better see it displayed -at department stores, electric light companies, or dealers-a promise to end chilly, restless, uncomfortable nights for good!

GENERAL (ELECTRIC

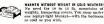




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warm seo when you retire! Nooe of those bedtime chills from cold or damp sheets. Switch on the Blanket before you retire and your bed will be warm as toast.

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No need for "wee-hour" trips to check -children's blankets. The Automatic Blank protects them from chills or overheating













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Vitamin B_{1-an} essential to your family's health -has been added to this delicious, low-cost hnt wheat cereal . . . without adding a penny to its cost to you.

And-you needn't shake your finger to make the family eat it. Babies love it—so do grownups. With cream and sugar, or served with hot butter, it's smooth, delicate, delicious.

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cal activity.

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Look for the baby's face oo the packageat your grocer's.



Even laded husbands say "thank you, ma'am!" husband an experienced old pancake fancier? He'll sit up and take notice the first time he tastes that sit up and take notice the first time he tastes that
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It's a true" close harmony" of taste—KERNEL WHEAT
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"Pillsbury's BUCKWHEAT," too. Both are ready-pre-pared—simply add milk or water. And . . . the prices



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STERLING (SOLID) SILVER . . . other lexery premiems...all yours for Pillsbury THRIFT STARS! Save Thrist Stars, which come with Pillsbury's Best Flour, SNO SHEEN Cake Flour, Pancake Flour, Farins, and other Pillsbury produces. They can be redeemed for a host of luxury and utility items—colorida towed sees, salverware, etc. For details, see recipe folder in Pillsbury's Best Vol. 11, No. 19

LIFE

CONTENTS

THE WEEK'S EVENTS	
Tell of U. S. Ships and Lives Climbs as Nexi Submarines Strike Off I	celend 35
LIFE on the Newstrants of the World Germen Seldler Unloads Deed Russien from Ceptured Tank	41
Perechutist Dives Record 29,300 Ft. in Free Fell from Substratosphi	ere 44
Dectors Pick Prize Pickaninnies et Memphis Tri-State Negro Feir Army Goes en Strike Duty et Defense Plent	46
LIFE Corrects Recent Article on Max D. Stewer's Art Sale	54
LOSE-UP	
Andrew Seiter and Autobypnotism, by Francis Sill Wickware	83
Hypnotism Has New Vogue as Stunt end Science	
HOTOGRAPHIC ESSAY	
The American Heritoge	102
RTICLE	
Red Guerrillas: Russiens Fight Nazis Far Behind Front Lines	126
PORTS	
U. C. L. A. Makes Animated Carteons With Football Cheer Cards	
Girl Cheerleeders Specialize in Rhythm-nastics	58
MOVIES	
Gene Tierney Climaxes Movie Year With "Shanghel Gesture"	63
"How Green Was My Valley"	
RT	
Aaren Behred of Chicago Peintx Neon-Lighted Necturnes	92
IATIONAL DEFENSE	
Signel Corps: On It Depends the Fete of the U. S. Army	56
HEATER	
"Let's Face It!"	114
DUCATION	
New Americans Learn to Lose Their Accents in Diction Course	120
THER DEPARTMENTS	
Letters to the Editors	2
Speaking of Pictures: New York's Skyline LIFE's Reports: Nazi Blueprint for Religion	12
People	51
	142

People LIFE Goes to a Football Pep Relly Pictures to the Editors to the Editors.
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entrained to Memph is Tri-State Fair pickaninny contest (pp. 46-47) where he faced the baffling problem of persuading this future Southern belle to pose for his camera The following little page by page, shows she source from which each picture in this issue was found in the following page from the following page for the follow

DVER—BOB LANDRY
4—eemblebe studio
6—john phillips
10—LL, peter stackfole
12, 13—andreas feininger
55—andreas feininger—balph mobbe NEWSPHOTOS
From DEUTSCHLAND USER ALLES PRÉ-lished by KABL B. LANGEWIESCHE

-SANDAU, REBLIN
-MEMPHIS COMMERCIAL APPEAL PHOTO
by "CURLY" EBUNER

52, 53-MYEON DAVIS
54-HEREERT GRIE
55, 57-RALPH ERROY
56, 57-RALPH ERROY
61-PREER STACKFOLE
61-PREER STACKFOLE
77-W. EDGENE SHITH FROW R. S.—
JOHNNY FLOREA-AMBRICAN SOLIETT FOR PACHICAL RESEARE
78, PS-W. EDGENE BAILTH FROW R. S.,
79-W. EDGENE BAILTH FROW R. S.,
79-W. EDGENE BAILTH FROW R. S.,

109, 110-ELIOT ELEGEON III-BERNARD HOFFMAN

| 111 - REMNARD HOFFMAN | 112-j. E. SPEMAN-HOEACE BRISTOL | 113-ELIOT ELISOTON | 114, 115, 116, 119-W. EUGENE SMITH | from B. S. | 120, 122, 125-NINA LEEN-FIX | 126 through | 138-Drawings by NOEL | 142, 143, 144, 145-MYRON DAVIS | 142, 143, 144, 145-MYRON DAVIS

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PROWN EROTHERS—from THE AL-BERT DAVIS COLLECTION, BEOWN
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90-WALTER SANDERS from B. S. 90-WALTER BANDARD
91-ACAR
92-WILLIAM C. SHROUT
93-OUTED BY ME. MOSS HART, CORPLOY
650-CATED AMERICAN ARTERIS—
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ABEREVIATIONS: BOT., BOTTOM; LT., LEFT, A. P., ASSOCIATED FRES; E. S., ELACK STAE; BUE., BUBOPEAN; INT., INTERNATIONAL; KEY., KEYSTONE; M-G-M, METEO-GOLDWYN-MAY-BE; W. W., WIDE WOLLD

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And, of course,

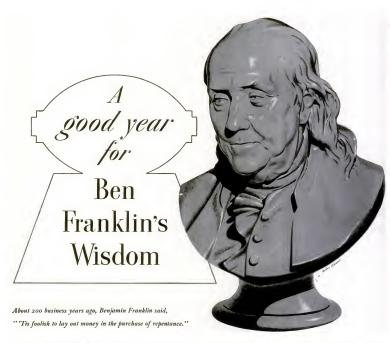
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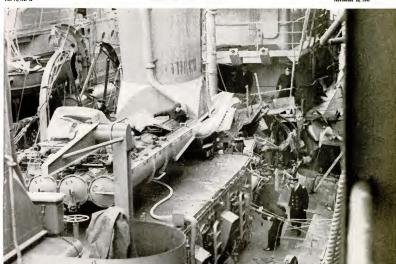
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Vol. 11, No. 19



OFFICERS INSPECT THE "KEARNY'S" WOUNDS. THEY ARE STANDING JUST AFT OF AREA OF GREATEST DAMAGE, ON STARBOARD SIDE OVER FIRERDOM. NOTE TORPEOD TUBES (LEFT)

SHOOTING WAR TOLL OF U. S. SHIPS AND LIVES CLIMBS HIGHER AS NAZI SUBMARINES STRIKE AGAIN OFF ICELAND

In his Navy Day address Oct. 97, President Roosevelt declared: "The shooting has started. ... Our ships have been such and our asilors have been killed: "Three days later, in thundering confirmation of his words, there came from the perilous mistly waters off Iredan news of new shooting. Another U. S. destroyershad been torepedoed. And this time U. S. Rebened of amea, thinskinned offspring of World War I, had gone down with how many hands no one with certainty could say.

Only a few ignorant or misquided Americans could doubt any longer that the U. S. was now at war with its inevitable enemy, Nasi Germany. The upsetting thing was that the U. S. Abessed with an incomparable Nary, did not appear off to a very good start. In a fortnight Nasi submarines had torpected two U. S. warships and taken a substantial toll of lives. The U. S. Fleet, so far as the U. S. public knew, land torpected nothing, sunk nothing, secored zero. Rumors persisted in Washington that American depth charges had sent one, two or three Nasi submarines to the bottom in a week. But they were rumors only, and the Navy Department stuck steadfastly to its World War I policy of silence on submarine sinkings.

Secretary Frank Knox explained to reporters that the British public heard nothing of Nazi submarines destroyed, for experience had proven silence a more insidions corrosive of enemy morale than proclamation of successful action. Surface engagements cannot be kept secret. But far-ranging submarines can remain away from base for weeks. Hence for weeks their fate hangs in doubt. Germans after World War I conceded that no psychological weapon had so blighted its Navy morale as Anglo-American silence on submarine warfnre. In the war-months ahead, therefore, Americans must expect to be troubled again as they were by last week's visible score card, which read: For the Nazi Navy, 13 U. S.-owned merchant ships sunk, one old destroyer sunk, one new destroyer damaged, eleven sailors lost, some 70 sailors and seven officers missing. For the U.S. Navy, nothing.

Both the Kearny and the Reuben James were torpedoed in waters west of America's new Iceland fortress (LIFE, Nov. 3). The story of the Rendon James is still observe But a formal report on the Kenzen, published observe. But a formal report on the Kenzen, published COct. 29, disclosed certain details of great significance.

It suggested that Nazi submarines can now discharges three topesdoes simultaneously in fan formation. For officers abourd the Kenzen yas wither two topes do tracks of miles about the Kenzen yas with extra the story of the two products as astern. The third topes for track on the Kenzen's start astern. The third topes for track on the Kenzen's start start. The third topes for track on the Kenzen's start for the forward boiler room. Its explosion flooded the entire compartment and burst unward

through the deck with such violence that wreckage

geysered onto the bridge. But the most important fact about the Kranyg attack was that this year-old destroyer withstood damage such as no ship of its type had ever suffered and remained alloat and under control. Sals-die marky in half amidships, the Kranyg nevertheless made port on its own power. That if did so was a trimph of seman-ship on the part of its men, and a more enduring triumfly for the Kranyg attains of construction and de-

sign. For first pictures of Kearny damage, turn the page.



Safe in an iceland port, the damaged Keerny (left) is man-euvered by the destroyer Monssen toward a tender for re-

The walkway, which runs from bridge to after guns at fore-eastle deck level, has been buckled upward by the force of

pairs. Shattered hull plates surrounding the torpedo hole may be discerned amidships on the Kcarny's starboard side. explosion from helow. Dehris underneath is on main deck. Foremast (left) has withstood the shock. Note the lifebelts.









than the type used on older destroyers. In great measure it was sturdy steel main deck which held the lacerated. Kenny together.



Leaving the "Kearny," sailors pass heaps of debris and board the tender made fast along starboard side. From this moth-

er ship a cofferdam will be applied around torpedo hole. Be-hind it dumaged compartment will be pumped dry, repaired.





A message of death comes to Mr. and Mrs. Amon Wade at their





DN WASHINGTO: DC 845P OUT 19 1941

THE MANY DEPARTMENT DESPREY RESPECT REPORTS TO INFORM YOU IMAY YOUR SON AUSSELL BURGICK WADE FI EMAN THING CLAT I NAVY IS REPORTED MISSING AS A RESOLT OF THE TO PEDDING OF THE AS KEARNY PERIOD AT PRESENT THE DEPARTMENT HAS NOTHING BUT PARE FACTS BUT WILL INFORM YOU WHEN FURTHER INFORMATION IS AVAILABLE.

C I NIMITZ CHIEF OF THE BUREAU OF NAVIGATION

١

Russell Burdick Wade was a third- The Navy's telegram reached the Wades after they had already heard the unhappy news ste Alahama farm. Beside them stands their son Ellis, 18. class fireman aboard the Kearny. via radio. Despite the official character of this message they refused to give up hope,

Herman A. C. Gajeway, of Troy, N. Y., was a water tender, had served Navy seven years.

SAD NEWS REACHES FIRST GOLD STAR MOTHERS OF WORLD WAR II

he Nazi tornedo which took the first U. S. Navy lives of World War II hurled its fragments of grief far and wide across the U. S. To eleven small homes in eleven States went brief devastating telegrams: "The Navy Department deeply regrets having to inform you. . . . " The young Americans who died together on the Kearny in the North Atlantic were of varied antecedents, varied environments. They came from Illinois, California, North Carolina, Ohio, New York, Texas, Louisiana, Georgia, Pennsylvania, Alabama and Arkansas.

Of the parents thus bereft by this spattering of death, some were mute and desolated, others eloquent with wrath. "I think the U.S. should go into the war and wipe the German submarines forever from the sea," cried the father of Lloyd LaFleur. "If I were young enough I would like to help do this job." And the father of Harry Young said quietly: "I wish I could go to the Navy. I am ready to go now if it would avenge my son. But it was the mothers for whom the nation's chief condolences were reserved. For they are the first Gold Star Mothers of World War II. Opposite you see Mrs. Jennie Dobnikar, 69, of Cleveland, Ohio. She is not a native-born American. But she has given all three of her strapping sons to the U.S. Navy. And now one of them is dead. She holds their pictures in her lap: Frank, Louis and John. In the center is her oldest boy. Louis, who died in action aboard the destroyer Kearny. He had served his Fleet well for 18 years. After two years more he might have retired. Speaking in her thick Slovenian accent, Mrs. Dobnikar said little, but what she said was tremendous: "There'll be plenty more dead. I hope we catch dose dirty rat."



Geerge A. Calvert lived at Gillespie, Ill., was a first class. His parents are farmers.



He lived at Spangler, in Cambria County, Pa.



see him with his young wife, whom he married just five months ago. son, Harry, was a machinist's mate. Mr. Young is a railway fireman,



Mr. & Mrs. Ira Young heard news at their home in Reader, Ark. Their



F F ON THE NEWSFRONTS OF THE WORLD

The President tells America that it has cleared its decks and taken up its battle stations

The President talked plain talk on Navy Day. He not only said: "The shooting has started." He also said: "America has heeu attacked... We do not propose to take this lying down... Very simply and very hluntly, we are pledged to pull our own oars in the destruction of Hitler."

It was a fighting talk for, as the President made clear, America was already in the fight. 'History, has recorded who fired the first shot," he declared. 'In the long run, however, all that matters is who first the last shot.' 'The U. S., he went on, would not knuckle under to Hilter, nor could it believe Hilter's protests that he was innocent of designs on America. "I have in my possession," the President revealed, "I have in my possession," the President revealed, mont!"—a map of South America, as the Naria wanted to revergaine it; into five vasual states.

The President also described a German document he had—a "plan to abolish all civiting religions..., set up an International Nasi civirch. In place of the Bible ... Mein Kampf will be imposed.... In the place of the cross of Christ... the swastika and the naked sword." ("See LIFE's Reports, pages 16–28.)

After digressing to a track industrialists, we "hold out for business as small" and to condrom laber leaders—meaning John L. Lewis (or p_k , k_k = k_k)—who hamper defense production, Rossevelt called cloquently agon his country: "We have lived in a broad and abundant land. . . There are those who say that we are no match for regimented masses. . , that we have grown fat and flably and lary. Those who say this know nothing of America. This is a land of endless challenge. Today, in the face of this greatest challenge, we discretize the same desired our decides challenge.

There was no violence in the speech and no violence in America's reaction. The country had hypassed the great surge of emotion that usually precedes wars. America had long hated Hitler. Now it was matter of fact about the need for beating him. In Washington, hardly anyhody bothered to listen to Scuate speeches on the repeal of the Neutrality Bill. The repeal was almost certain to pass At a hig America First rally in New York, Lindbergh and Wheeler made speeches that were more restrained than usual. In Chicago, Edward L. Ryerson Jr., ehairman of Inland Steel and backer of America First, resigned from America First because "interference with development of national defense through propaganda for peace must be eliminated." The attack on the Kearny (pp. 35-39) was followed by the sinking of the Reuben James but the President said he would not break off diplomatic relations with Germany. This made little difference to the country. War was war, no matter what diplomats did.



CRASHES AT ST. THOMAS (TOP) AND AT FARGO

Air Crashes, U. S. air history's worst day came last week. On Thursday, Oct. 30, two crowded airline transports crashed and burned, killing 34 people. The only survivor was Northwest Airlines' Captain Clarence Bates, who miraculously lived to tell what happened to his plane.

At 154 a. m., Captain Bates arrived over the Fargo, N. Dake, caipport, flying laind, Letting down Fargo, N. Dake, caipport, flying laind, Letting down through the overeast, be suddenly found his control locked by ice. The ship struck ground, sithered across a shallow coulee and piled up. Bates was thrown elser, dazed and cett. If the gas tanks had not burst and set the ship on fire, the 13 others shoard might also have lived. But they all hurned to death.

All 9:39 p. m., an American Aritiner bound for Detroit reported all well on course over Canada, At 10, ground observers as whe ship make a number of low-altitude turns—trying for a forced landing. Mintutes later, it enabled into an oas field near St. Thomas, Ont. Fire swept the wreckage. All of the 20 passeugers and erew wee killed. Thus ended American Arilines' great safety record—1,342,000,000 passenger miles flown without a single fatality since 1038.

Out of the Night. Despite public clamor, including "Strike in the West, Now" posters glued to London walls by Communists, the Churchill government refuses to countenance a large-scale British invasion of the continent. But Free Frenchmen, escaping to Britain last week revealed that small British guerrilla forces "invade" Occupied France almost every night, sometimes for as long as twelve hours,

The men who make these tip-and-run raids are called commando. Heavily armed, they work in teams of from two to 50-odd men. Once ashore in France they decapitate German sentries, earry out ashotage, help alt up French resistance. One recent raight they perpendent of the single single the raid of the resistance of the resistance of the raid o

PICTURE OF THE WEEK

A little engagement somewhere in Russia between a Russian Christic tank and a German anti-tank gun produced the most macahre picture of the war. Just before the picture on the opposite page was taken, the 67-mm. (1½-in.) shell of the anti-tank gun zinged through the open turret cover of the tank, leaving the visible hole, and through the left jaw of the Russian tank commander who had been peering off

to the left. Now a German soldier heaves the dead Russian to the ground, the rent in his head visible just below his left ear.



Similar scenes were taking place again and again throughout Western Russia last week. Around Leningrad the Germans could neither batter their way in,

nor the Dater their way in, nor the Russians hlast their way in, nor the Russians hlast their way ont. Defore Museow the Nazis inched forward to Volokalmak in the northwest and Tula in the south. But the main fighting before Russia's Yerdun remained substantially un-

the Nazis inched forward to Volokolamsk in the northwest and Tola in the south. But the main fighting before Russia's Verdun remained substantially unchanged 30 to 100 miles from the city. But Moscow was taking a beating from the air for the first time and the Luftwaffe was elearly supreme over the local front.

Farther south the Germans kept making first downs, but still had a long way to go for a touchdown. The tank city of Kramatorsk fell and Rostov's peril was "critical." After a nine-day battle the invaders hroke through into the fertile Crimea.

But last week's higgest news was the weather. It was terrible, Around Moscow it was "one great indivisible quagamire." Rain, snow and sleet made the front as goory as marmalade. Men sank knee-deep in ooze and tanks and trucks were nearly useless. Berlin no longer spoke of "annihilating" Moscow's defenders or even capturing the city itself.











"THE PURPOSE OF BITLER'S ATTACKS WAS TO FRIGHTEN THE AMERICAN PEOPLE. . . THIS IS NOT THE FIRST TIME HE HAS MISJUDGED AMERICAN SPIRIT"





BETHLEHEM STEEL'S FRANKLIN MINE LIES QUIET IN THE MORNING SUN. THIS SHAFT, USUALLY LOUD WITH CLATTERING COAL CARS John L. Lewis is used to fighting the hattles of Labor. His father was one of its first champions among the miners of America. For years the son, like the father,

has railed against low wages and long hours among the

miners. In the process of breaking away from the A. F.

of L. and founding the C. I. O., he became the greatest

leader of organized labor that this country has yet seen.

His word has always been law among the miners and

whenever he told them to strike they have done so

without question. Last week, when he told 55,000 cap-

tive conl miners in the Pittsburgh area to strike, they

did so again. But this time, with steel mills dependent

JOHN L. LEWIS CALLS **OUT CAPTIVE MINERS**

AFTER FOUR DAYS THEY GO BACK

Injunction against strike was issued by Federal Judge A. B. Anderson. Lewis defied him, held out ek. Winging wage rise, he finally capitulated,

On Oct. 27, 1941, Lewis rejects the President's second appeal to return to work. He states that strike

Mediation is accepted by U. S. Steel's Chairman Irving Olds, But John L. Lewis still re-

upon the mines and defense dependent upon steel, the considered opinion of the country was that Lewis had

Captive coal mines are owned by steel companies.

Their entire output goes directly to the mill, is burned

to coke and then used in the manufacture of steel.

Most of them are located within a 75-mile eircle of

Pittshurgh, where the great mills of U. S. Steel, Beth-

lehem, Republic and Jones & Laughlin flame night and

day. When the strike was called, all of these companies

but the last announced that within three days their

production would be cut 20%, that they might shut

goue too far.



In 1919, John L. Lewis ordered

a coal strike for 30-hour week,

higher pay, Country was angry.











LARGEST COAL PILE IN THE WORLD IS B. S. STEEL'S CLAIRTON DRMP. IT WILL SUPPLY EIGHT PLANTS EIGHT DAYS

down altogether within two weeks. From the country, Congress and the White Hoase came eries of protest against Lewis' strike.

The strike, originally called in September, was solely over the issue of the minos alop. Lewis did not want higher wages or shorter hours. He wanted the steel companies to agree that all of their miners must join the mino, pay disco on the payrolf develorly system to the United Mine Workers. One-large company, Joses & Langhlin, had arrived agreed to do so but the others, fearfal that the mion shop would spread throughout the whole steel industry, refused. The National Defense

Meeling with the President is arranged by Myron Taylor, steel spokesman, and Lewis on Oct. 29. The two had met that day, had argued for hours without coming to any sort of agreement.



to work, Congress threatened to put through anti-strike out

Truce Hill Nov. 15 is the outcome of meeting between Roosevelt and
(Ltor.) Lewis, Taylor and Mediation Board's William Davis who pose
actiside the White Home. Lewis still can reject the Board's decision.

Mediation Board voted 2 to 1 not to make a recom-

mendation in the dispute, "suggested" calling another

On Oct. 21 Lewis told William Davis, head of the

Mediation Board, that the miners would not go to work

on Oct. 27, On Oct. 24 President Roosevelt urged Lewis

to extend the trace. He refused. "There is yet no ques-

tion of patriotism or national scenrity involved in this

dispate," Lewis told the President, offering to have

the miners work overtime when the strike was settled.

The President appealed directly to the miners to return

hoard to mediate.



legislation. Lewis sat and glared defiance from beneath his lushy black cycbrows. Finally, after a meeting with U. S. Steel Director Myron Taylor, Davis and Roosevelt, he agreed to extend the trace to Nov. 15.

Once more it dooked as if Levis but you his battle.

Once more it dooked as if Levis but you his battle.

U. S. Steel agreed to accept the decision of the Meliation Board but Levis did not. He said he would wait

Ill Nov. 13 and accept the decision only if he liked it.

Only a Federal law could keep him from shutting down
the mines if he didn't. To a country best with the

related troubles of war and labor, Nov. 15 loomed

ut dra'ly as a critical date in the history of America.

Taylor and Lewis shake hands in Washington's Mayflower Hotel. Lewis still holds the balance of power after the meetings, may yet call strike on Nov. 13.





Substratesphere Parachulist Arthur Starnes exhibits his costume before jump. His face is hidden by oxygen mask supplied from seven-minute flask in pocket of left pant leg. Valve on flask tapped large share's oxygen before jump. Inside his covernils are heart and respiration recorders and barograph.

On his right hip is strapped a motion-picture camera, powered by small electric motor and pointed at the ground. On 16-mm. film this camera recorded Starner's body spin during free fall. On right forearm is altimeter by which Starner gauged moment for opening parachute.



Parachule descent from 1,500 ft. after 29,300-ft. free fall was uneventful. When the big parachute opened, Starnes collapsed the smaller one. He landed in a pasture near the airport.

PARACHUTIST DIVES RECORD 29,300 FT.

In the name of science and national defense, Arthur Starnes on Oct. 28 stepped out of a transport plane at 31.400 ft. above see level into the cold thin air of the substratesphere. In the sert 11 is executed, before he pulled the rip over of our the first substratesphere. In the sert 11 is executed, before he pulled the rip over of our the first planned a void's record 29.300 ft. The trips of promot of a Chirgos airport, he planned a world's record 29.300 ft. The trips of the record 29.300 ft. The trips of the record of the stained highest velocity, traveled down the rest of his nearly six-mile parabola to earth at an average speed of 170 m. p. h. At 3,000 ft. he had to lift aside his cloud-frosted gagdes in order to see the sensitive altimeter strapped to his left wrist. His only injury was to his lover lip, which he hit when his first parachate cracked open and jotted him into momentary blackout. For flight surgeous he had fursished one more proof that a human being can survive set a fall in full posses-inheled one more proof that altimate the proof that altimate the proof of the set human being can survive set a fall in full possessible one more proof that altimate of the rip can be mile by the order of a wrecked plane can be trained to keep his hands off on the proof on unit he is done cough plane can be trained to keep his hands off on the proof of the set of the proof of the proof

With Starnes fell the 100 lh. of equipment which he exhibits in the four photo-



On his left hip Starmes wears a small radio transmitter wired directly to electrodes over his heart for broadcasting of heartbeats. In left hand be holds switch to cut in his voice. This arrangement broke down during fall, and only Starmes's heartbeats were clearly heard.

Main parachule 28 ft. in diameter is strapped to Starnes's back. Smaller, 24-ft,-diameter parachute on his chest was opened first to check the fall gradually. White cord running up Starnes's back is attached to stopwatch on front parachute, run. The watch was stopped by rip cord of first parachute.

IN FREE FALL FROM SUBSTRATOSPHERE

graphs above. Next to his paracluntes the most important item is his oxygen mask and apply. Without oxygen be might not have remained conscious in the 4-th-to-th-easy-in-atmospheric pressure at 31,400 ft. With oxygen. Starries made re-hearal and research "jumps" in the Northwestern University high-altitude chamber, many of them more exacting than the real jump. One test was from a theoretical altitude of 84,000 ft. at a speed of 790 m. p. h.

Against the 46°-delow-zero temperature of his jump-off altitude, Starnes wears a handsome, electrically heated suit of coveralls. To record the spin of his body, he has a motion-picture camera strapped to his right hip and pointed at the ground. Not visible and zippered inside his coveralls is a battery of instruments to record his heart and respiration rate and altitude.

Bulkiest item in his outfit, the radio transmitter hung over his left hip proves Stare, a veteran of 300 county fair parachute jumps, to be a showman as well as a guinea pip. Via Chicago Station WLS his wife and radio andience heard his words as he leaped: 'Hello, honey, don't worry about a thing,' and then his miffled efforts to speak in mid-dlight, blurred by the sound of his hearthests.



Wife and SOR were on hand to embrace Starnes. Anton J. Carlson, famed physiologist of University of Chicago who collaborated on free-fall project, called Starnes "one of bravest men."



An interested observer at the weighing in was this self-sufficient entrant who, after clambering out of the scales, stood by while the doctor-judges figured things out to the last ounce,

DOCTORS PICK PRIZE PICKANINNIES AT MEMPHIS TRI-STATE NEGRO FAIR

Just before the Grandmother's Party took place at the Memphis Tri-State Fair on Oct. 23, the Women's Building at this 31-year-old all-Negro fair was overrun by 54 wonderful black babies. They were competing in a healthiest-haby contest, While the doctors worried about which was the healthiest, the spectators wondered which was the cutest-the one who sat on the scales bursting with woe, or the one who nibbled a forefinger, or the one who wondered, or the one who was suspicions, or the one who was smng, or the one who was high-spirited. As the pavilion baked in the unseasonable October warmth, the babies coold and cried, wiggled and whimpered, smiled and shouted while their mothers enddled them, dressed them, undressed them, ministered to them when they grew hungry or forgot their manners. The doctors went into a huddle and the Women's Building swelled with the hum of mothers crooning to cranky kids. A five-piece "jam" band began to warm up for the Grandmother's Party, adding the noise of brassy blues to the pleasant confusion. The doctors finally decided that the healthiest haby was Juanita Yates (below), who took the honor like a practiced prizewinner. Next was Armour Norris (bottom right opposite page), who ignored his silver cup and stared at the cameraman, Third was Christine Owens (bottom right this page), who didn't seem to eare.

First prize, a silver cup and \$15, went to 3-month-old Juanita Yates, who was much more detached about her victory than her mother. Juanita's father works for silo manufacturer.









ARMY GOES ON STRIKE DUTY

In the gray, before-dawn light of Oct. 31 the U. S. Army moved into Bendix, N. J. Truckload after truckload, 2,100 strong, the soldiers came. They had been given orders at their New York bases a few hours before and were ready for action. Their mission was to surround and guard the plant of Air Associates, Inc., makers of propeller hubs, hydraulie systens and other equipment vital to aircraft manufacture. The factory, employing 750 workers, had been tied up by a complicated strike for months. Now the Government was moving in to restore peace and pro-

Thus, for the second time since the U.S. decided to put a million and a half men under arms, the Army was seeing some real action inside the country. Last May, at North American Aircraft in Inglewood, Calif., U. S. soldiers with unsheathed bayonets and live ammunition in their guns took over a bad strike situation. Though the Army does not hrag about it, most of its soldiers are thoroughly trained in the art of handling civilian disorder. Men are taught how to break crowds with flying wedges, how to disarm rioters without harming them. They are lectured on the psychology of crowds, know how one wrong word or action can transform a mass of people into a terrible engine of destruction. The soldiers at Air Associates had learned their lesson well. They were courteous hut unyielding. The workers, who had been fighting bitterly the day before, were orderly and respectful. In the space of a day, Government, company and union officials had talked their troubles over and had reached a settlement. Next day the plant was again turning out aircraft equipment. It is entirely to the credit of the men and their

officers that no bloody violence occurred at Bendix. In such an explosive situation, anything might have happened. But the soldiers at Bendix wanted no praise. They had ably performed an unpleasant job.

tire factory while Federal mediator reached agreement with union and company officials. The Soldiers slop all workers attempting to enter the Air Associates grounds on morning of Oct. 31.



You trust its quality



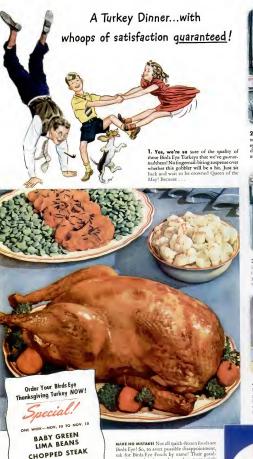
Experience...many a refreshing experience...has taught people everywhere to trust the quality of Coca-Cola. Ice-cold Coca-Cola is delicious...so delicious...refreshing...so refreshing. That's why, at soda fountains everywhere, you hear "Coca-Cola", please" or, using the friendly abbreviation, "Make 50 mine a 'Coke', too".

THE PAUSE THAT REFRESHES



You'll welcome ice-cold Coca-Cola just as often and as surely as thirst comes. You taste its quality,—the quality of genuine goodness. Ice-cold Coca-Cola gives you the taste that charms and never cloys. You get the feel of complere refreshment, buoyant refreshment. Thirst asks nothing more.

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Other Big Values!

ASPARAGUS SPEARS + CORN-ON-THE-COB SQUASH + GREEN BEANS (FRENCH STYLE)



2. This Birds Eye turkey's plumpness, tenderness, juiciness, and fine flavor are qualities we know will raise eyebrows! No wonder... the pampered, petted, special-dieted existence this bird has led can best be described as scandalous! And at the height of it...



3. Plucked, cleaned, drawn of all waste, and popped into the quick freezer. All the tenderness and goodness is captured for you, right then... not to be released till you proudly start the turkey on the journey from oven



4. There are all sizes. And don't forget—# 9-pound Birds Eye Turkey is equivalent to a 12-pound undrawn gobblet Call your dealer and place your order for a Birds Eye Turkey now. The supply is limited, but you can be sure of a successful Thanksgiving dinner by placing your order for a guaranteed Birds Eye Turkey polar!

MARE NO MISTAKU Notall quick-frozen foods are faited by 18 do, to avera possible disappointment, mens is more than just a claim—they must satisfy you, or you get your money back! For further information, write - . Frosted Foods salked Corp., 230 Erd. Ave., New York, N. Y. Alto grown, H. Albadon's Bay Company, Mormeal to by the





At Musiling Missell's wigging to Frederick Brisson on Oct. 25 were (left to right) Loretta Young, Best Man Cary Grant, the bride and groom, Barhara Hutton, Frank Vincent and Matron of Honor Charlotte Wynters, Hollywood's best-known "bachelor girl," Miss Russell

was 30 when she married the 29-year-old actors' agent and son of the famous Danish actor, Carl Brisson. Their simple wedding ceremony was held at the little Danish community of Solvang near Santa Barbara, Calif. Mrs. Brisson is wearing a Danish wedding headdress.

PEOPLE

Movie stars gallivant near & far

Rila Hayworth gladdened the lives of officers from Fort Jay, Governors Island, N.Y., when she met them on Oct. 23 at New York's Radio City Music Hall for the premiere of her first starring picture, You'll Newer Get Rilds. Below: she parades with (left to right) Colonel Otto B.

Even more than usual the affairs of Hollywood stars, in the past fortnight were varied and frac flung. Rosalind Russell and Ritt Hayworth (above & below beamed happily for news cameras. Mrs. George lessel, 17, wife of the 43-year-old comedian, had her first bably, a girl, and said, "Td like to have another next year." Mary Martin, especting her second, went to the hospital on a false altarn. To New York wet. Marlene Dietrich, still hobbling on the ankle shock in a studio fall (LEE, Sept. 8). To Washington went Movie Mogul Darryl Zanuck, with his wife for dinner at the White House. Bing Croshy returned from a goodwill trip to South America. Bette Davis rushed to her husband's sickhed in Minneapolis. Clark Gable and Carole Lombard went ducknuting, bagged the daily limit of ten ducks apiece.

Trigg, Major Cary B. Hitchinson, Colonel Joseph A. Baer, Colonel Frank B. Jordan, Lientenant Colonel Frank J. Pearson. After the movie the officers went home with their wives while Rita visited the Stork Club with a sallor, amarine, a coast guardianan, a buck private.



How's your "Pep Appeal"?

-by Bundy



June: Hello, serious! How's the book? Got a new thriller?
Nancy: Oh. it's nothing much. Just a little thing I sent for.



June: Wow! "How to be a glamour gir!" Well, of all the...
WARCY: Stop it! You're a spite cat, June. A girl's got to have a little something these days.



June: I'll say she has! And you're going to start getting it! Glamour, my grandpa! The way you've been moping around and picking at your food! I'll bet you're not even on speaking terms with vitamins. What you need is more "pep appeal"!



June: And here's where we make a start toward getting more vitamins. You've got to have them all, and right in this delicious cereal—called KFLLOGG'S PEF—are extra-rich sources of two of the most important ones—vitamins B, and D.

Hancy: Hey! Stop the sales talk! This is the most gorgeous cereal I ever tasted. And if getting the other vitamins can be as much fun as this, hold everything! I'm going to have per every morning!

Vitamins for pep! *Hellogg's Pep* for vitamins!

Pep contains per serving: 4/5 to 1/5 the minimum daily need of vitamin B., according to age; 1/2 the daily need of vitamin D. For sources of other vitamins, see the Pep package.

MADE BY KELLOGG'S IN BATTLE CREEK

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PEOPLE (continued)



Lorraine meets Governor Van Wagoner of Michigan who welcomes her appreciatively. Lorraine drove to State capitol at Lansing to have this traditional picture made.

THE AUTOMOBILE WORKERS OF FLINT, MICH.

On Cet. 28, Lorraine Miller, variously known as the Poor Man's Ritta Hayby worth, or the Ball of Fire Girl, brought the spirit of Hollywood back to Flint, Mich. Six months ago Lorraine was chosen by Flint's C. I. O. automobile workers as their Perfect Body Girl, and sent to Hollywood to win glory for berself and her sponsors. After appearing briefly in Earl Carroll's might club, Lorraine was hirelf or a small part in Meter-Goldwyn-May-



The homey louth is provided when Lorraine proves, despite her Hollywood glamor, that she can still help her mother bake a chocolate layer cake in her family kitchen.



Lorraine's big moment came at vaudeville show in Flint Auditorium where she sang a little, thanked everybody for everything. She was on program with a trained bear.

WELCOME HOME THEIR "BALL OF FIRE GIRL"

er's new motion picture Ball of Fire. Subsequently, she two-timed the logs back home by terming up with the Lox Anquels frience uns their official Ball of Fire Girl, in which expactly she dyed her hari fiery red, elimbed ladders and jumped into a freeners' are to glamorice Fire Prevention Week, Flint, however, still left sufficiently possessive toward 19-year-old Lorraine to invite her home for due honors, and de-darfed O(4.34 to be 'Lorraine Miller Day."



"One of the joys of coming home," said Lorraine, "is sleeping in a bed I'm used to."
Thus, after visiting schools and shaking hands, she calls Lorraine Miller Day a day,



If your skin is sensitive, try the mild, gentle soap preferred by women of three generations—Cashmere Bouquet.

T's surprising how quickly your skin may improve when you find the soap that's right for you.

So, if you dream of having a skin like "peaches and cream," why not take a tip from the thousands of women who have such good luck with Cashmere Bouquet Soap.

Yes, though other soaps may have proved irritating you too may easily find your answer in a daily Cashmere Bouquet facial. Cream your face and neck with the gentle lather of Cashmere Bouquet Soap. Work it well around the large-pore area of nose and chin. Rinse with warm water, then a dash of cold. Pat your face dry, don't rub.

That's the Cashmere Bouquet Health Facial, a grand tonic for complexions.

As a bath soap, too, Cashmere Bouquet Soap, with the fragrance men love, is luxury itself. Yet it costs only 25c for 3 generous cakes, wherever good soap is sold.

Cashmere Bouguet Soap



WITH THE FRAGRANCE MEN LOVE

WONDERS OF AMERICA Sound Wizards







IN RECENT LABORATORY "SMOKING BOWL" TESTS, PRINCE ALBERT BURNED

86 DEGREES COOLER

THAN THE AVERAGE OF THE 30 OTHER OF THE LARGEST-SELLING BRANDS TESTED — COOLEST OF ALL!

THE BEST WAY TO THAT GOES FOR GET THE EFFECTOR A MAKIN'S' SANOKES CONTENTED, NAPPY TOO WITH FASTER, SANOKER IS TO LOAD EASIER, NO-WASTE HIS PIPE WITH A ROLLING THROWN PRINCE ALBERT, THAT IN, THERE'S NO BA. NO-BITE PROCESS SPILLING, A AND CRIMP CUT SUIRE F MUNCHING, OR AND CRIMP CUT SUIRE F.











BRONCO-BUSTER," BY REMINGTON

THER TIME ATOP WORLD CLOCK

THE STEUER COLLECTION: LIFE CORRECTS ITS RECENT ARTICLE ON THE LATE LAWYER'S ART SALE

is to Ct. 77 issue LIFE reported in good faith on a public sale of art objects whose adversiments featured the collection of the late Max D. Steuer, famed New York lawyer. LIFE now learns that this article was haved on missiformation and that its reporter and photographer were missled as to which articles came from the Steuer collection. Of the mine pictures LIFE published and of all the articles tended to the control of t

pictures and for the deductions made in the text of the article. LIFE's reference to the late Mr. Steuer's taste in art and the implications contained in the article were in regrettable error.

In behalf of his family LIFE willingly seeks to correct an impression contradictory to the modest and admirable facts of Max D. Steuer's private life by publishing here authentic samples of his art collection photographed last week in his New York home.





JAN VAN GOVEN PAINTED BUCOLIC OUTCH SCENES LIKE THE ONE RELO





III always remember this moment

MY VERY FIRST DINNER PARTY as Mrs. Edward H. Dexter! I guess I always knew I'd marry Ed—though heaven knows I swore I wouldn't enough times.

I'll never forget the day he painted mustaches on all my dolls. Or the spring he took my beautiful best-friend to the Senior Prom.

But I can remember other things, too. Like the time he said, "Gee, Anne, you sure can fix flowers in a bovel pretty!" And the time he gave me a bottle of perfume—justa tiny bottle. "I thought you'd rather have a little bit of the best," he said, almost a pologetically.

There were other things, too, that told me Ed wanted the same kind of life l did, l guess you'd call it "gracious living."

That's why we're both so grateful to my

family for giving us International Sterling. We're starting out with something genuine and lasting. Something that gives grace and character to our new home, more than anything else we could own.

Just now Ed and I took a last peck at the table. It's beautiful. Again and again I'm glad I asked for a little of the best rather than a lot of second-best.

And I know I was right! Ed has gone to answer the doorbell. But before he went he whispered, "Darling, everything you do is just perfect!"

Could a wife ask for anything more?

Among the world's fine sterlings, none is

more distinguished than International Sterling. With International Sterling you will always have the lifetime satisfaction of knowing

—that your sterling was made by the world's foremost silver house...

—that your pattern was designed by craftstien whose predecessors were creating spoons of contisilver too years ago...

—that pieces created by International's present craftsnien are exhibited in leading art museums.

Yet International Sterling is not expensive. A handsome service for four—in Prelula, for example—costs only about \$74. An individual place setting is only about \$18.50. (All prices include Federal Tax.) Be sure to see the many beautiful International Sterling patterns—at your silverware dealer's.







University of California at Los Angeles initials are spelled out by rooting section in U.C.L.A.'s
Yale blue and gold. Designs appear first in bluek-and-white, then suddenly burst into color.



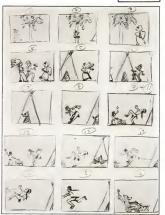
"Joe Bruin" masquerades as squaw's papouse to get by a stalwart Stanford Indian. Scenario for this movie-cartoon is outlined in Larry Campbell's rough sketches on the upposite page.



U.C.L.A. FURRET in Yale blue and gold is tackled by Stanford man wearing cardinal red. Each card in the picture represents one moder, who has to come up with right card at right time.



Banging at tomtom, "Joe Bruin" heats out a pacan of victory. Bruin's amiable antics are the highlight performance of rooting card section, get huge cheers from opposite side of stadium.



PRELIMINARY SKETCHES SHOW JOE BRUIN PLAYING TRICKS ON THE INDIANS

FOOTBALL CHEER CARDS

U.C.L.A. MAKES ANIMATED CARTOONS

Cookall is mique among U.S. entertainment spectacles became the show put on by the andirence is often just as much fun as the show put on by the malience is often just as much fun as the show put on by the relative is often just as much fun as proud of their super-cherring sections. their banks, caulet corps and other pep-inspiring devices as they are of a successful eleven. On the Pacific Coast, where the use of colored theer eards to make mass figures and slogans at football games first flourished, the members of the Pacific Coast Conference try annually to outdoo each other with elaborate grandstand designs. On opposite page are color pictures of the show put on by U. C. L. A.'s 5,700 organized rooters during their homecoming game with Stanford last year in Memorial Colsiems, Los Angelsem, Los Angels

U. C. L. A., newest member of the Conference, was the first take the hig app of adding motion to cheer-cand technique. The result gives much the same effect as that of Broadway's famous animated electric signs. The first step in planning U. C. L. A.'s strusts—both static and animated—is to rough out the patterns or a piece of graph paper, each square representing one card in the rooting section. Then haverance ("Larry") campled, a graduate of U. C. L. A. who is in charge of creating one card in the rooting section. Then haverance ("Larry") crowder of the cardy of the car

A favorite trick is to show a design in plain black and white, then suddenly, by turning over the eards, it bursts forth in full color. The whole process must go with the precision of a military drill to create animated effects.

On the following pages, LIFE shows another U. S. foothall phenomenon—three pretty girl cheerleaders at an Indiana high school who do hot dance steps while leading their school yells.

CONTINUED ON NEXT PAGE

"By the way, Dr. Jekyll, whatever happened to Mr. Hyde?"



"Who, me? . . . Hyde?"

"Uh! Huh! You know what I mean. I can remember when you, my handsome hero, didn't have a pleasant word for anyone. You were thin as a rail and jumpy as a cat. You even used to . . ."



"Used to u bat. Nan?"

"Hop? Stop it! I was told I had a Vitamin B Complex deficiency. Ain't that something? It means a shortage of the vitamins you find in their natural form in fresh yeast. So I bought a week's supply of FLEISCHMANN'S, took two cakes a day in cool tomato juice, and in a few weeks..."



"In a few weeks . . . my goodnatured Dr. Jekyll. But, what's this about tomato juice?"
"Oh! That's the new way to take yeast. Look! Mash a cake of FLEISCHMANN'S in a dry glass with a fork, add a little tomato juice, stir till bended, fill up the glass, and drink. It's delicious!"



Ever read the FLEISCHMANN label? This is the only yeast with all these vitamins. And the only sources of the important Vitamin B. Complex are natural sources, such as yeast and raw liver. Resulting the complex of the vitamins in FLEISCHMANN'S, B., D., and G, are not appreciably lost in the over, they go right into the bread.

Fleischmann's <u>Fresh</u> Yeast For Natural Vitamin B Complex





5 "WHITING!"



HIGH-SCHOOL AGILE TRIO AT WHITING, IND.

To anyone acquainted with mass psychology the naperiority of girls over boys in the delistent and of checkwood in successive. Ver it is only lately perhaps the successive of the successive of the contraction, that the girl checkwood has becomed into her countries of the successive of the successive of the contraction, that the girl checkwood has been deceding the successive of the successive of the successive of the checkwood has been deceded in the successive of the her desired in the successive of the her desired of the successive of the

There is no doubt in the minds of Whiting schoolboys as to what makes their State great. When they hear the word Indiana, many Americanst hink, as their taste and antecelents may delate, of zinnias, corn, steel, sinkboles, oil of peppermint, Tipperance, Wendell Wilkie or the grave of Naney Hanks Linecha. But Indiana's shief assets, in Whiting eyes, are Joyce Wargo, Gloris Huenger and Naney Johnson. Event ravis like Hammond High admit that Joyce, Gloria and Naney have something their alma maters could use.

The peculiar specialty of Whiting's girl cheerleaders









CHEERLEADERS SPECIALIZE IN RHYTHM-NASTICS

is "hythmonatics". It is a new trebuinger and one which community reflects the current speak. Proto 1809, sideline support was strictly of the difficient British school, featuring detached rices of "Hurrals." "Oh I say, well played," and "Now then, come along." But in the first football game between college teams in America—Princeton vs. Rutgers—rooters from Nassan Hall muttle in a Cril Warr sweet yell of Sir. From . Ib. From this evolved the famed Princeton be-Ring, Kis, Home, Bong, Ab., Siran, Siran, Sira, Vales, "Brickelsker, boxs, boxs, cribbed from Aristophanes" from charms, was first bearing in 1884.

Inspired by these staccato noises other U. 8, schools and colleges developed their own peculiar gibberish. Dignified alumn in their middle years mashamedly screamed such magic phrases as "Ala reero, riro, rum; Boomalatha; Een dicka, teen dicka, feen dicka fa; and Kailwawhick-karam.

Now the U. S. seems to be outgrowing these cubalistic syllables. The year 1941 is a year of swing. Whiting's rhythm-mastics is, as its name implies, a combination of gymnastics and dance manenvers designed to stimulate vocal endeavor. And Whiting's cheers, spurning boomalatchas, are inspiring and to the point.

6 "LET'S FIGHT!"





4 "WITH A DOWN BEAT!"





DEB DISCLOSES PLOT TO BE POPULAR

Hiss Lori March, Los Angeles debutante, captivates admiring beaux with the beauty and talent. Ask Lori how she keeps her skin like monilight and roses, and she'll say, "It lake a Woodbury Facial Cocktail before dates. Woodbury Soap keeps my skin fine-grained and soft." To your complexion, too, let Woodbury bring new translucent beauty. Try it for just ten days.



I. Interviewed by Cholly Knickerbocker, famous society reporter, Lori reveals her beauty secret. "I smooth on a rich lather of Woodbury over my face; work it into my skin like cream.



 "Then 2 brisk rinse, warm water followed by cold, quickly clears my skin of dulling dirt and soiled make-up. My complexion soon gets that lovely pink and white glow, like a two-year-old's.



 "My Skin has never been in better condition than since I've used mild Woodbury Soap.
 That goes for all of it, because I always use this special facial soap for my bath, too."



4. Try Wootbury for ten days. See new radiance, "The Skin You Love to Touch". Smoothing oils in Woodbury give gentle cleansing. Blended for the skin, alone. Firm, long-lasting cake, 10¢.

S "WITH AN UP BEAT!" 6 "BE-DE-BE-DE-BEAT-BEAT!"



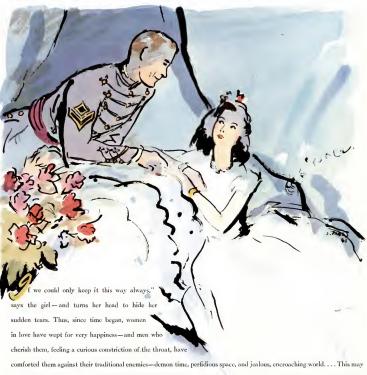


7 "BEAT HAMMOND!"



He sequences shown on these pages establish the fact that cheers at Whiting High derive their mode less from the 19th Century lunzah and Indian war whoop han from the subt. Century luckah motif. Words are suggestive of the dance floor rather than the playing field. The bothly articulations of loyec, Gloria and Nacy reveal their familiarity with conga, rumba, trucking and shag.

Joyce, Gloria and Nancy are now seniors. They first flashed their rithm-nastic technique on Whiting and rival rooters two years ago. Season by season they inproved. Imitators naturally appeared on other campsess. But today Joyce, Gloria and Nancy are undispatched by the control of the contr



be why today you see more gallant white diamonds sparkling upon "heart fingers" than you have seen for many a decade.

For each man's engagement ring is his personal, masculine reassurance—that time, and space, and circumstance shall not change his devotion. Fortunately, many fine diamonds are available in today's favorable market, priced only \$350 to \$700 for a carat. Color, cutting and absence of imperfec-

> tions also influence price. Your trusted jeweler will be best able to advise you. Many may be able to arrange extended payments. You are buying now for all your life to be. De Beers Consolidated Mines, Ltd., and Associated Companies.

ted Quality Diamonds: One-half carat, \$125 to \$300. One carat, \$350 to \$700. Two carats, \$900 to \$2200. Three carats, from \$1500. Exact weights shown occur infrequently. Federal tax included.

Armour's 75th Anniversary

75 YEARS OF PUBLIC SERVICE...

in supplying America's needs... A length of service no other major packing company can equal



Meat is the Mainstay of American Vitality! You have a wide variety of fresh, smoked and canned meats to choose from. Armout and Company operates 33 packing plants, over 300 storage branches and a vast refrigerated transport system to bring fresh meat to your table daily. How different from grandmother's day—when fresh meat was a rarity and the supely seasonal at best.

This month, Armour and Campany beginstity 5th consensitive year in applying
most to America—a length of service
unequalized by any other union patring
company. During those years, Armour
bas never lost sight of the fact that good
service to you it is justification for
being in binitiess.

being in Dunness.

All of us at Armour know that this company has grown only to the extent that it has served you. To merit your continued confidence and good will—it is our firm purpose to serve you in even greater measure in the years to come.

Sabastovani President Armour and Company

American Prosperity Begins on the Farmand livestock is a basic farm commodity. The farmer's major crops—hay, fodder, cora and many other grains go to fatten his cattle, hogs, shear other principles of the farmer and developed many by-products, effecting savings for both farmers and consumers.

Armour Products - Crowning Achievements of 75 Years of Experience



Famed as America's Finest Ham and Bacon I
75 years ago, nothing like Amount's Star Ham could be bought ... at any price! Sugar-curel, hickory-smoked, and now testel for tendersub before it comes to you home — food lovers declare it America's most delicious harn!
And Armour's Sar Bacon is held in the same high exteent!
These products are only two of Armour's proud contributions to America's meatine plessure.



Finer-Flavored Sausage—Made Fresh Every Day. I To meet the increasing demand for fine suspension of the matter of the memory and the suspension of Amour's Sausage Kitchens are located all across America to bring you Start Sausages fresh—at their taxy best I



Ready-to-Serve Meats-An Armour Contribution 1 The prepared meats in the and glass that are so popular with American women (millions of cans are sold every year)—were pionered by Armour in 1878 with a small line of 5 meats. These developed into America's largest and most popular line of quality canned meats! And quality is the outstanding characteristic of Armour's Clovethloom Butter, Eggs, Cheese and Poultry.



BETWEEN SCENES IN "SMANGHAI GESTURE" GENE TIERNEY KEEPS IN MOOD FOR PART. SHE PLAYS A GOOD GIRL WHO GOES BAD UNDER INFLUENCE OF GAMBLING AND LIQUOR

Gewe E. Tremly
SHE MAKES FOUR FILMS A YEAR
CLIMAXED BY "SHANGHAI GESTURE"

The earner of Gene Tierney has recently reached such a pitch that she is compelled, as you see above, to sink down on the steps of a movie set and erjoy a rest ful eigaret. When Gene signed up with 26th Century-For last year, nooloog quite knew what to do with the 290-year-old New York actress who had made a hit in The Made Animal as a wholesome college girl. Them in one year she was rushed into four pictures. In To-book Cond she was a tattered poor white. This fall in

Belle Starrahe is a bandit queen. This mouth she appears in Sundown (corer) as an exotic African half-breef. Now at work in Shanjani Gesture, she appears again as a half-breef, this time the daughter of an Oriental vice queen. Adapted from the stage hilk. Skanpaki Gesture has been considerably purified by the Hays Office. Its chief character, Mother Goddam; is rerbristened Gin Sling. But the important rumor about the film is that Gene Tierney is proving at last that he can really act.



MOVIE OF THE WEEK:

How Green Was My Valley

Best-selling novel makes a distinguished film

Best-selling novels regularly go through the mill in Hollywood and energe as movies. But none has emerged more successfully than Hone Green His My 1 wiley by Richard Liesellyn, a top best-seller of 1946. Its herice story of a family of Webb coal minter of the story of the story of the story of the story month movie forther in the Breeste shall be for the September 1, Vegoge Hone, Grapes of Webb) has converted it into one of the year's most beautiful and strings flow.

Part of Ford's success depends on the use of long silent sequences, broken only by the voice of a narrior explaining the action, or the singing of a Wesh choir. There are no starring roles. There is no nother, with cromply formate plot. The earting flows of Formal plot. The action flows on from one episode to another, with cromply romance and drama to fill three ordinary pictures. Outstanding in word Century-Por's after east is 1-year-off Roddy Mechanism of the Century-Por's after east is 1-year-off Roddy Mechanism of the Century-Por's after a triple and the case to 1-year-off roman in the contract of the contract of the contract of the Century-Por's and provided the contract of the Century-Port o



Falher Morgan (Donald Crisp) takes a bath in his backyard with his sons. This is a daily ritual performed by the male Morgans to wash off the soot from coal mines.

CONTINUED ON NEXT PAGE

"A UNION-Suit!...Boy, That's Patriotism!"



JERRY You're sersey! It's good old horsesense! This Munisipever Unionsuit, the lifetime favorite of millions of smart cookies like me, is a classic...stream-lined, short sleeves, no bunching or riding up...warmli where you want it, right down to the shoe tops.

PATI Don't try to tell me about how good Minisingwear is! These Longies are Minisingwear, too, and what's more, they have the new, exclusive "STRETCHY-SEAT." And they keep the old shanks warm like nobody's business!



JERRY: Now, listen, the way Munsingwear makes this Unionsult is different. It couldn't fit better, or give more case and freedom than it does, no matter what. It's a timetried Munsingwear masterpiece, I tell you.

PAT: Thanks, I'll stick to my Longies. And my SKIT-Winger shirt with the short sleeves gives me just the protection I want under the arms and over the shoulders. What the heek! It's all Ministingwear, isa't it? So we're both right!



MUNSINGWEAR'S

NEW "STRETCHY-SEAT"* UNDERWEAR FOR MEN

Munsingwear Unionsuit . Style 821 Munsingwear SKIT-Longies . Style 820
Munsingwear SKIT-Winger . Style 879
Munsingwear "STRETCHY-SKAT"* also available in other styles. Munsingwear Unionsuits also

Munsingwear "STRETCHY-SEAT" also available in other styles. Munsingwear Unionsuits also available in other styles. Ask to see Munsingwear's two-button seat feature in Unionsuits.

MUNSINGWEAR, INCORPORATED - MINNEAPOLIS - NEW YORK - CHICAGO



Why Johnnie Walker is two people

Fancy that! There really are two Johnnie Walkers—one Black Label (12 years old), one Red Label (8 years old). Two fine versions of one truly rich whisky. For Johnnie

Walker is Scotch at its smooth, mellow best. One sip and you'll agree.





"How Green Was My Valley" (continued)



To the candy shop goes young Huw Morgan to spend his little weekly allowance on taffy. Huw has five grown-up brothers who earn their money working in coal mines.



The six sons of the Morgan family gather to meet the finners of the eldest son who stands proudly by her chair. Huw, the youngest son, is scated. At left is their father.



Disaster strikes the Morgans when coal mine in their little Welsh village announces a wage reduction. Father Morgan reads the bulletin at the entrance of the mine



One of the two new versions of sensational Clipper styling for 1942—the Clipper Special Club Sedan. Both Clipper Special and Custom models offer your choice of 6 or 8 engine—only \$55 difference,

How Clipper beauty adds up... TO A 29% SMOOTHER RIDE!



YOU'LL LOOK at this rakish 1942 Packard Clipper with kindling eyes! And you'll think, "More beautiful—sure! But what's beauty got to do with ride?"

Just this: The Clipper is exceptionally low-slung for greater beauty. But this same daring design also permits a better type of suspension, which smothers jolts...bounce...sidesway. It delivers, naturally, the

smoothest ride you've ever enjoyed. Scientific shock-recording meters show that the Clipper rides 29% smoother! (See test below.)

Another advantage of this advanced streamlining: it enables the Clipper to cut through the wind with far less drag—and to sare you gas. Example:

Proving Ground tests show that the Clipper gives 12% to 18% better gasoline mileage than last year's economy-champion Packard!

But, perhaps even more important now is long life. The 1942 Clipper is a wise choice for your new ear, because it's built for the "long hant" ... with nothing skimped, no "anblittuitions" that impair quality. So, for extra miles and extra years, head for the nearest Packard dealer's and ... Skipper a Clipper!

AKTHE MAN WHO OWNS ONE

1942 PACKARD CLIPPER



RIDE-RECORDERS reveal the Clipper's ineredibly smooth "eradled" ride. Sensitive shock-recording meters prove the Clipper 29% smoother-riding than last year's ridefamed Packard!



TURN-AND-BANK indicator adds proof of inproved Clipper ride. Measuring roll on turns, this device shows the Clipper to be 12% steadier than even last year's "solidclipper". Produced



NEWSI CLIPPER STYLING throughout the Packard line means lower '42 Clipper prices. Even the Clipper 8—same power, room and comfort as the '41 Clipper 8 actually costs less!



SAVES GAS, SAVES WEAR! Electromatic Drive is simplified automatic driving at its best! Eliminates gas-wasting "slip" ...saves gas, oil and engine wear. Worth many times its extra cost.



U RHROUGH NEW ENGLAND, where they sure know maple sugar flavor, Vermont Maid Syrup is the outstanding favorite, and largest seller!

No wonder, either, for Vermont Maid Syrup comes from there . . . made right in the heart of the maple sugar country. Blended from purest cane and maple sugars, it never varies-it's always

Serve pancakes or waffles often and smother them with luscious Vermont Maid Syrup-you'll get a cheer from the family! Vermont Maid is sold in attractive glass jugs, ready for the table. Get some today-your grocer has it.

PENICK & FORD LTD., INC., BURLINGTON, VERMONT

Vermont Maid Syrup

PACKED IN BURLINGTON, VERMONT

"How Green Was My Valley" (continued)



Huw and his mother fall into an icy pond on way home from a bitter meeting of the s on strike. Huw heroically keeps his mother affoat while shouting for help.



With legs frozen to the hone from his fall in the pond, Huw, unable to walk, reonths. His mother and the village preacher keep him bucked up.



Huw attempts to walk again after the preacher carries him to a billside of daffodils. Out of sheer faith, Huw takes his first faltering steps into the arms of the preacher.

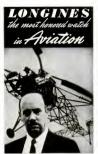


An Opportunity for Gentlemen to Join the World's Leading After Shave Club



Sign below-mail us the advertisement. We'll reply with a bottle of Aqua Velva, We'll reply with a bottle of Aqua Velva, world's most popular afere-shave lotion. Brisk—cool as a mountain brook— Aqua Velva leaves skin feeling softer, smoother. For electric shaves, use before and after shaving. Address The J. B. Williams Co., Dept. Ch. 20, Glassnobury, Con.,—makers of the shaving pre-parations for over 100 years. Offer good in U.S.A. and Canada only.

Auga Filding Elist



Aviation today owes much to those pioneers who, with daring ocean flights, focused the attention of the world on the ultimate possibilities of world on the ulumate possibilities of the airplane. And practically all of them—Byrd, Chamberlain, Post, Ear-hardt, Pangborn, Balchen, Mattern, Hughes and others—used Longines

Hughes and others—used Longines watches for narrigation. Following the trail they blazed, Fan American, Royal Dutch, the Control of the Contr

LONGINES WITTHAUER WATCH CO., INC.
New York, Montreel, Gamera
*Federal law included





On his first day in school, timid Huw is hauled up before the class and ridiculed by a sadistic schoolmaster. After school Huw is given a bed beating by the class bully.



Huw is taught to box by the village prizefighter (left) while other members of the family give him moral support. He is still bettered and bruised from his fight at school.



Haw gets even with the bully by knocking him out in a boxing match conducted in strict accordance with Marquess of Queensberry rules. His classmates cheer him on.

MEN-and Women, too! EXEROW for YOUR HEALTH and FIGURE IDE and ROW THE BATTLE CREEK WAY!

Rottle Check Equipment Co. DIFT. III.

WHY GO TO BED WITH A LAXATIVE?

TRY FAMOUS MINERAL WATER FO GENTLE, SWIFT RELIEF

When dull and tired and groggy due to acute constipation, why go to bed with a laxative that takes hours to act? Instead, 30 minutes before supper (or any other meal) drink PLUTO Water. Its famed, smooth, gentle action relieves acute constipation by creating fluid bulk that flushes digestive waste. ly within one hour. PLUTO is a saline, mineral spring water, concentrated, fortified and scientifically stabilized with all min-erals and salts in complete solution. Easy and pleasant to take. Merely dilute with water and drink. 10c and large economy bottles. French Lick Springs Hotel Co., French Lick, Ind.





SLEEPY??

CONTINUED ON PAGE 72

Six Pullman passengers have their say-

A FEW WEEKS AGO we put a cameraman and a newspaper reporter aboard a Pullman train to find out exactly what different people thought about Pullman travel. Job of the cameraman; to snap unstudied, unposed pictures. Job of the reporter; to interview typical Pullman

passengers and get frank answers to questions about Pullman comfort, Pullman service.

The following interviews are the result of their investigation, made on a typical Pullman operating between New York and Chicago.



PASSENGER: Walter H. Brown Salesman, Jenkintown, Pa.

How did you sleep last night?

Like a top. I always sleep well on a Pullman. I think you have the most comfortable beds on earth. Not to mention that the sheets are so crisp they crackle and all the blankets you need.



PASSENGER, M. W. Boy Sales Executive, Chicago, III.

So you and your wife travel Pullman quite often? Do you find it comfortable?

QUESTION

Oh, very. We've always been ones for liking our com fort and I guess that's the hig reason we travel this way. Mrs. Boyer especially likes the little homelike touches like having clothes hangers and reading lights and plenty of shelf space in the berths. It's about as comfortable as home, I'd say.



PASSENGER: Arthur Secur ical Engineer, Pearl River, New York

What did you think about the service of your porter? MR. SECOR:

Pretty near perfect. He even polished my shoes better than my regular hootblack. I swear I don't know how he takes care of so many people so well.



PASSENGER: Mrs. Larry French Hausewife, Los Angeles, California

OUESTION.

Does it bore you to ride on a Pullman?

Bore me? I should say not. You can meet the most charming and sociable people on a Pullman. There's really no nicer place in the world for friendly conversation than a Pullman lounge car.



PASSENGER, Walter William Traffic Manager, Chicago, III.

OHESTION

You say you're an old Pullman passenger? Just why do you go Pullman?

Because, as a husinessman, I have to be sure I'm going to arrive where I'm going when I've promised to-regardless of weather, And on a Pullman I can really relax. I know I'm safe.



PASSENGER, Helene Petitiege Teacher, Denver, Colorado

Do you think Pullman travel is expensive?

Well, I teach French for a living, but I can afford to go Pullman. What little extra it costs is more than worth it. When I travel other ways I get terrihly tired out and irritated. Going hy Pullman is as comfortable as living in my own house.

WE HOPE these people have convinced you that you should try Pullman the next time you go some place. You'll find it's the pleasantest way to travel.





"He said we could cook him instead if I gave him my Arrow Tie!"

 Prescription for shirt fronts—Arrow Ties! The new fall Arrows have spruce stripes and sprightly patterns... plus a winkleresisting lining that discourages creases! Arrows knot to perfection! See them at your Arrow dealer's! \$1.00, \$1.50, \$2.00, \$2.50.

ARROW TIES

As Outstanding as Arrow Shirts

Made by Cluett, Peobady & Co., Inc.



SOLE U. S. AGENTS: Schieffelin & Co., NEW YORK CITY . IMPORTERS SINCE 1794

"How Green Was My Valley" (continued)



Huw goes to work in the mines after the strike is settled. His father offers to send him away for a fine education, but Huw feels that he must help support his family.



An explosion in the colliery is heralded by a hysterical whistle and angry flames leaping from the pit. This is an old story to the villagers who rush to the disaster.



Huw's father dies in his arms while being crushed in mine. But Huw says, "I saw the brightness inside him like a beacon burning on the mountainton of his spirit."



Studebaker is building an unlimited quantity of airplane engines, military trucks and other matériel for national defense... and a limited number of passenger cars which are the finest Studebakers ever produced. The Studebaker Corporation





Strikingly original new Studebakers of top-quality materials and craftsmanship

YOUR VALUE CUE FOR '42

Styled to lead...built to last...engineered to deliver money-saving performance

THESE distinctive and economical new Studebaker Presidents, Commanders and Champions for 1942 have the graceful, flight-streamed contours of the very latest model pursuit planes.

They're quality-built of the finest materials by the ablest craftsmen in the automobile business ... brilliantly engineered to deliver top performance for years at a minimum of operating cost.

By every check and comparison, these colorful 1942 creations are the finest cars that have ever borne the Studebaker emblem. And Studebaker unreservedly backs them with its 89-year reputation—an important assurance in these times when efficient motorized transportation is so essential to the nation's welfare. See your local Studebaker dealer and go out for

a revealing trial drive in a new 1942 President, Commander or Champion. Treat yourself to the greatest thrill in your motoring experience with Studebaker's new Turbo-matic Drive—available on all 1942

World's first cers with Studeboker's new, perfected Turbo-matic Drive

OCUITCH-PEDAL NO CREEP. NO CLASH
Flid coupling—with controlled gener selection

—and automatic averdrive—available on President and Commander models at extra cost.

President and Commander models at added cost. If you wish, you may use your present car as part payment on one of these brilliant-performing, top-quality new 1942 Studebakers. C.I.T. terms.

Green Giant's



Instead of sending the Green Giant a singing telegram on his birthday, all his Disney frends came to see him. Being a thoughtful host, the first thing the Green Giant did after saying "hello" was to serve them all some of his famous peas. They tasted so good that Snow White had to tell Dumbo and Pluto to mind their manners.



Suddenly they realized they had mislaid Ferdinand the Bull, and where should they find him but out in the beautiful green fields, just quietly smelling the peas. 'Hammann, is this why they taste so good?' asked Ferdinand dreamily, of no one in particular. "Smells like fresh showers, and warm sun and rich soil."



The Green Giant and his friends hurried back to the cannery, but fast as they were (even Phtu was out of breath), the pass were already these, being groomed for the can. Donald Duck put on his best swimming suit and officiated at the "Float Test." All the peas flow through as solution, Only the very tenderest ones float—and only these are put up under the Green Giant's famous label.



"This is where we came in," said Pinocchio as they gathered rations for more Green Ginst Peas. Then Mickey raised his can of peas and proposed a toast: "To the glamour boy of peas," he said. "We'll always look for your picture on the can whenever we buy peas," he was always look for how the can whenever we buy peas, when good friend in, and a good time was had by all, as is always the case when good friend and Green Ginst Brand Peas air as served.

IIth Birthday Party FEATURING WALT DISNEY'S GANG



And what beautiful strong ciuses. and Minnie Mouse. "And what big, full pods," said Mickey Mouse. "All the better for good eating," said Minnie. The Green Giant explained that this was all due to fine farming and the secret breed from which they are grown. "You see, they grow large while they're still babies in tenderness."



Later on when the sun went down and the moon came up, they saw these same pea fields actually being harvested by moonlight. As the Green Giant explained to Snow White—"When their one fleeting moment of perfect flavor arrives, we harvest Green Giant Peas immediately, whether it's day or night!"



THE Green Giant stars on good tables just as other famous folks star on the screen. If you want your vegetable money to go farther, look at this check list of what you get in Green Giant Brand Peas—

Fresh taste, because they are harvested at the fleeting moment of perfect flavor, whether it's midday or midnight, and sealed in cans, on the average, less than three hours later.

Nutritive Value—one I7-ounce can of Green Giant Brand Peas, when heated ready for eating, contains, on the average, 1444 International Units of vitamin A (as caratene), 124 of vitamin B, as thiamine), and 1038 of vitamin C (as ascorbic acid). Also Green Giant Peas are a splendid source of essential-to-life proteins. They also contain phosphorus, calcium and iron.

Special Breed—developed, guarded and grown by us alone (\$-537). This exclusive breed grows to large size when still very young and tender.

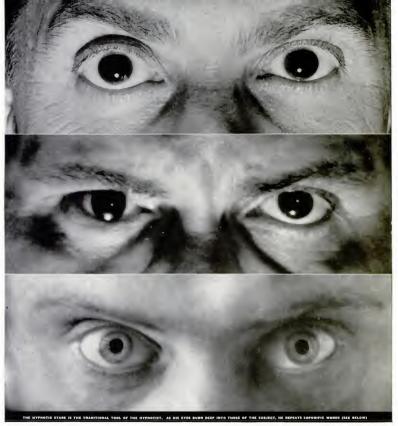
"Natural" Looks—packed just as nature put them in the pod; they roll out in the dish, big and little

together.

One can will put a lot of peas on the plates of four or five people. Green Giant Brand Peas are "society" peas at "just folks" prices.

Look for the Green Giant's
11th Birthday Display
at your grocer's now





HYPNOTISM IT IS HAVING NEW VOGUE

AS STUNT AND AS SCIENCE

For the past three centuries hypnotism has had a his-tory of ups and downs as a fad, a stunt and a black sheep of science. The doctors who developed it lost their professional reputations by doing so and hypnotism became a stand-by of the vandeville stage and the thriller writers. Though a real psychological phenomenon, it eame to be considered a fake through its practice by fakirs and quacks.

Currently, hypnotism is having a marked revival. Hypnotists are flourishing on the radio, on Army camp stages and in private homes. Professors of psychology are giving demonstrations of hypnotism to their classes. Most significant of all, a number of doctors are experimenting with its use, notably as a substitute for anesthesia in childhirth and in treatment of various neuroses. In New York City a special fad has sprung up around a young man named Andrew Salter (see pp. 83-91) who tells people how to hypnotize themselves.

There are many techniques of hypnotism. In the elassie, and stagiest, technique, the operator fixes the subject with a "hypnotic stare" (see pictures abore) and speaks to him somewhat as follows: "Now your eyes are becoming tired, very very tired. Your head is heavicr and heavier and your eyes are weighted with lead and it is so hard to keep them open as you get sleepy all over and heavy and sleepy. Your eyes are hlinking now and blinking now faster and your eyes are closing and pulling downward and closing and closing."



Radio hypnotist Howard Klein puts a whole line of subjects in a trance. When Klein appeared on *Hobby Lobby*, he stayed

in n separate room out of sight of his subjects, hypnotized them through a microphone. NBC feared to allow his voice

on the air lest he hypnotize listeners. Without a hypnotist to bring them out, listeners might remain entranced for hours.

Bela Lugosi tried hypnotism as an aid to acting in 1940. Manly Hall (left) informed the hypnotized Lu-

gosi that he was suffocating in a closet and his agonized contortions were used in the film Black Fridau.

HYPNOTISTS WORK IN CLASSROOMS.

The essential technique of hypototium is simple. While the subject is fully pleaked, in a soching light, the operator speaks to him in a low monotone, telling him that he feels drowey and will fall into a deep sleep. Some operators give their subjects the "bypnotic stare" while others use a bright ring or coin to feous the abijects' eyes. But others rely whelly on their voices. Almost any willing subject can be put into a light "waking" trance, and one out of four each pet into a deep "aleping" trance where he obeys all commands. No person, however, can be hypototized against his will, nor will be do anything under hyposis which runs counter to his moral sense or training (e.g. commit murder, steal or underses in public).

In a trance the subject apparently loses sensation, feels no pain.



By gazing at eyes of the hypnotist and listening to a phonograph record of his voice, some persons can be hypnotized. This was idea of a Dr. C. Radwan



At College of City of New York, Professor G. M. Smith demonstrates to psychology class hypnotic actions which are analo-

gous to neurotic behavior. The subject was not disturbed by classroom noise. As post-hypnotic suggestion he was told to

forget his name, and when asked who was greatest friend of Jews, to reply, "Hitler." Both the suggestions were carried out.

POLICE STATIONS AND MOVIE SETS

He can open his eyes and walk or talk normally but will do only what the hypnotis tells him. While the subject is in a trance the operator can give him a "post-hynotie suggestion" such as: "In 15 minutes you will kiss your dog." When he comes out of the trance the subject often remembers nothing of this but at the specified time he kisses the dog—and promptly wooders why he did it.

There is nothing plony about hypnotism but its nature is mysterious. Many psychologists believe that the mind functions in any different level, 'somewhere between select pand consciousness. In any ease, the mind becomes a blank slate, 'thinking of nothing at all.' Into this void the hypnoist project-iss suggestions, and the hypnotized mind seizes and acts upon them. The pictures on these pages show various operators currently practicing hypnosis in the U. S.



in Vienna. Dr. Alexander Cannon, the eminent British psychologist, used to hypnotise subjects by having them gaze into a pair of artificial green eyes.



Miami Police Chief H. Leslie Quigg, an able hypnotist, has made this subject think he is fishing. Chief

Quigg has used hypnotism successfully on several occasions to restore the memory of amnesia victims.



HARRIS HOLDS A RING REPORE MRS. VOLKMAN'S EYES AND REGINS TALKING IN A LOW VOICE, YELLING HER SHE IS SLEEPY. IT TOOK ONLY 1 MIN., 29 SEC. TO PUT HER IN A TRANCI

A PARLOR HYPNOTIST PUTS ONE OF HIS GUESTS IN A TRANCE AT ST. LOUIS PARTY

Parlor hypnotism is a periodic fad. These pictures were taken at a party given by Edward A. Harris, a St. Louis reporter and able amateur hypnotist.

From among his guests Mr. Harris selected hlonde Mrs. Frances Volkman, who had never before been hypnotized, to be his subject. "But will I wake up?" she asked. Assured that she would, she sat in a comfortable chair while Harris held a ring for her to gazet and began talking in a low monotone. In exactly 1 min., 20 sec. the subject began blinking, struggled to

keep her eyes open, then fell into a deep sleep.
Told that her arm was numh, Mrs. Volkman felt no
pain when it was prieked with a pin, burned with a,
match. Told that a wad of gum was stuck in her was
she struggled to get it out. With her eyes open she
walked around, telephoned a friend with a meaniferad
message, earried out all Harris' orders (see below). After
one hour and 48 minutes Harris told her that when

counted to 20 she would awake. At the count of 20 Mrs. Volkman opened her eyes, said "Oh-ooooo, my goodness!" remembered nothing.

Parlor stunts like this are safe enough when conducted by experienced hypnotists like Mr. Harris but should not be tried by inexperienced amateurs. Sometimes an inept hypnotist puts his subject in a trance, finds he cannot bring him out. Sometimes an extraordinarily inept hypnotist is hypnotized by his subject.



In a deep trance Mrs. Volkman here lies completely relaxed.

Intelligent and willing to co-operate, she was a good subject.



She resists her hushand. Harris had told her that a man whom she disliked would soon approach her, pretending to be her husband.



She scratches violently and makes unhappy face when told that ants are running around inside her panties.



CONGRESS presents a distinguished new set of fine cards to commemorate the

rise of free men through the centuries.

DECLARATION OF INDEPENDENCE, which awake the young colonies to fight together for freedom, sittingly recorded in oils by Trumbull. The gens-like quality of the original painting now glows from this distinguished Congress card back.



Only our democracy con have produced this gre leader who rose to save om as fittingly commemo-ated in this latest series of

MAGNA CARTA

Father of all democracies is
this momentous document
of liberties, wrested by the
Barons of England from
autocratic King John. With its signing at Runnymede in 1215 the March of Free-

shuffle. They keep their sprightliness and snap through long hours of play. All four decks, paired in cases of soft suedefinish, are a welcome, useful gift . . . a gracious way in these momentous days to "pass along the torch of freedom."

ing cards.

AGAIN our great inheritance of freedom is challenged, testing whether we also inherited the determination and courage that made us free. How fitting that even in our happy hours together we can be reminded and heartened by the great milestones of liberty, stirringly depicted on fine play-

Your pleasure in the new "MARCH OF FREEDOM" series will be heightened by your pride in owning Congress Cards! Their subtle,

luminous colors are the triumph of 60 years in the craft of cardmaking. Exclusive with

Congress is their smudge-resisting Cel-u-tone

Finish that gives them such easy slip and

... AND YOUR CHOICE OF 35 OTHER DISTINCTIVE, 1941 CONGRESS DESIGNS

each a masterpiece in miniature. For their superb colorings as many as seven inks are blended-three more than are used in the printing of this page. You'll want to see the whole Congress Assortment!

Congress Playing Cards

THE UNITED STATES PLAYING CARD COMPANY, CINCINNA



FIRST CHOICE OF THE RAILROADS TODAY!

THE streamliner pictured here is more than "the locomotive of tomorrow." It is the No. I locomotive of today.

Authority for this statement is the fact that American railroads, for the past four years, have bought more GM locomotives than locomotives of any other kind.

And in this achievement you see a typical example of the progressive benefits that General Motors enterprise makes possible.

The Diesel engine that drives these swift and thrifty locomotives was born of General Motors research in internal combustion engines. And from our practical experience in manufacturing motors, generators, frames, bodies and hundreds of other parts—came the processes by which all such units are now made and assembled into complete locomotives in the largest self-contained locomotive factory in the world.

But equally important as the job of developing these locomotives, is the job they themselves have done in actual operation on the railroads. Many people know their record in passenger service. But railroad men can tell you also how more than 600 General Motors switchers have accelerated freight bandling and pared down costs in railroad yards—that a new high-powered freight locomotive is beginning to extend these advantages to mainline freight operation.

And you can thank the alertness of railroad management for putting this new equipment to work at a record rate—to better still further the service of the finest railroads in the world.

ELECTRS-MOTIVE CORPORATION . Subsidiary of General Motors, La Grange, Illinois







YOU ARE HOT." SOLDIER TUGS OPEN HIS COLLAR



ARE AMUSEO," SOLDIER ROARS WITH LAUGHTER





ANDREW SALTER & AUTOHYPNOSIS

YOUNG MAN FROM CONNECTICUT MAKES EVERY MAN HIS OWN SVENGALI

dism. In 1932 it was technocracy, In 1930 it was miniature golf.

In 1925 It was Coveism, the cult of the French druggist Emile

Cové, who taught his acalytes to repeat daily: "Every day in

Andrew Salter whose work in outahypnotism, whatever its sci-

entific merits, has all the makings of a fad. Like Cavé, Salter

points the way to earthly bliss through auto-suggestion. But

alter has a new angle: let the subject hypnotize himself first.

Mr. Wickware, author of this article, is already known to LIFE

eaders as a student of the outer reaches of the mind. His arti-

cle on Dr. Joseph B. Rhine and Duke University experiments in

ch a rage is currently blowing up in New York around

by FRANCIS SILL WICKWARE Every few years the great American public is seized in the grip of some fad. In 1936 it was handles. In 1934 it was nu-

every way I om getting better and better.

One sweltering after-noon in August a portly gentleman in a white linen suit was sitting on the edge of an easy chair in an office on Park Avenue, New York City. His eves were closed and he appeared to be asleep. Obviously he was very warm. Damp patches showed beneath the armpits and across the shoulders of his shape-

extra-sensory perception appeared in LIFE, April 15, 1940. less coat, and streams of perspiration oozed down from his jowls and forehead to the wilted collar of

his shirt. The fan droning in the corner of the room stirred only a faint, tepid breeze. The temperature was in the high 80's, the humidity close to satu-A few feet away from the uncomfortable gentle-

man in the linen suit stood a brief, slender young man with black hair and dark eyes, wearing thick glasses. He was gazing closely at the fat man on the chair, and suddenly he began to speak in a gentle, soothing monotone.

'It is getting cooler," he said. "A cool wind is blowing. Yes, it is now quite cold. It is getting much colder and gray clouds are gathering. Now the wind is stronger and colder, and it is starting to snow. You are not warmly dressed. You have no overcoat on. The wind is driving the snow into your face, and you are very cold. .

Each of these sentences the young man repeated two or three times. As he did so, the fat man enacted a remarkable pantomime. After the words getting cooler," his whole frame seemed to contract. He hunched his shoulders and pressed his knees together, rubbing one foot against the other. As the monolog continued, he seemed to experience in the space of a few minutes all the sensations of freezing in a blizzard. The sweat dried from his face. He started to shudder, then to chatter audibly. He bent his head into an imaginary wind, and put up his hands to shield his eyes against nonexistent snow. Even his lips began to take on a faint bluish tinge. . . .

"He was quite a good subject," is the comment of Andrew Salter, the 27-year-old psychologist responsible for this phenomenon. "He also was a simple case. He was drinking too much and wanted to cut it out. He took a couple of cures but they didn't

help. Then he came to me. I saw him six times, and he called up to tell me he was cured. He proved it to himself when he went to a college reunion banquet and stayed out all evening without touching a drop, while everybody else was getting drunk. I don't think you could get him to take a cocktail today if you offered him \$1,000. He says the mere thought of alcohol nauseates him. That business about the cold wind and the snow was simply a demonstration of the power of hypnosis. It was such a hot day I thought he might appreciate feeling cool for a change. Of course, he didn't know anything about it after he came out of the trance.

The fact that Andrew Salter can make a man freeze to death mentally in August would not surprise a psychologist, or a doctor, or anyone who knows anything about the terrific potency of hypnotic suggestion. But to cure an alcoholic in six consultations is spectacular. Salter modestly declines the major part of the credit for the achievement, "I didn't cure him," he says, "He cured himself. I simply taught him how to concentrate on gaining his objective through hypnosis.

Teaching alcoholics to cure themselves is only a small sample of the work which Salter performs with the minds of his subjects. Since starting his odd profession a couple of years ago, he has worked on upwards of 250 cases. His regular charge is now a flat fee ranging from \$500 to \$750 a case. Some two dozen cases were obese females who couldn't stick to their diets. By the time Salter got through with them they had learned to despise such things

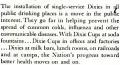


"After the Game is Over."



Awell-fought game, a great victory ... glowing spirits...a pretty girl... fun aliead . . . all's right in their world - there are so many good things in it.

For instance, their eagerly anticipated fountain drinks...yes, and the Dixie Cups in which they're served. No lips but theirs have touched these cups. There's no troubling thought of doubtful washing, no lurking question of possible contamination. With Dixies - used but once - all's right, of course,





* BIXIE CUPS are safeguards at health at all times . . . everywhere. In the office, in the shap, in public places, at aoda ionatains, on trains and airplanes, the common drinking vessel is becoming a thing of the past. The expanding uses of Dixie Caps are had an indication of the trend of the times.



gan practice in Paris in 1778, created a scandal.



Charcot's clinic at the Salpétrière Hospital in Paris was the center of

SALTER (continued)

as fudge sundaes, charlotte russe, lobster Thermidor and other fleshbuilding dishes, and were smacking their lips at the thought of raw carrots, lettuce salad with mineral-oil dressing, and similar atrocities. The only failure case was a perverse, mountainous woman whose chief joy in life was eating, and who subconsciously had no desire to give it up. She came to Salter only because her husband insisted that she lose weight, and stopped coming after two visits when she discovered that his method was actually taking effect.

In addition to overweight women, Salter has treated by hypnosis several dozen bad-habit cases. These include stuttering, nail-biting, various forms of tic, excessive drinking and smoking, and even a few drug-addiction cases. All, he claims, were successfully treated.

Salter is most gratified by cases which involve shifting a patient's personality, or changing his outlook on life, or improving his attitude toward his work. For some time he has been playing Svengali to a middle-aged Trilby who had a successful career as a concert singer in Europe, but who began to develop some kind of a psychological block which was manifested in a contraction of her throat and jaw muscles whenever she was scheduled to perform. This threatened to finish her singing until she went to Salter. He taught her how to achieve complete relaxation whenever she pleased, and her voice has improved tremendously. Salter emphasizes that this improvement resulted from the woman's increased self-confidence gained through self-hypnosis. "I couldn't give her a better voice, any more than I could mend a broken leg or cure a case of smallpox," he says. "But it was possible to teach her to use her natural talents up to their full limit.

The case of the melancholy editor

Then there was the melancholy magazine editor who decided that the world was going to the dogs, and who came to Salter to ask if he 'couldn't get a little fun out of life.' Not long afterward Salter was visited by the editor's wife, who was greatly agitated because of the change in her husband. Formerly he had gloomed around the house and spent his time complaining about the lot of mankind in general, and his own lot in particular. Now he bounded out of bed in the morning with a merry laugh, sang in the shower, chuckled as he read the paper at breakfast, and was turning into a practical joker who applied the hot foot to his guests in the evening. "I'm so relieved that it's only hypnotism," she said, after talking to Salter. "I was afraid he'd found another woman.

The method used by Andrew Salter to bring about these unique changes and cures is a very simple development of hypnotism as it has been studied and practiced for centuries. The earliest known reference to the subject occurs in an Egyptian papyrus of 1,500 B.c., and

Svengali (Wilton Lackage) gave to millions their first shuddery knowledge of hypnotism.









hypnotism in latter 19th Century. Here he holds a girl in a trance.



Charcot gave hypne public because he worked chiefly with hysterics.

later literature-including the Bible-is full of allusions to casting of spells and laying on of hands, archaic terms for the hypnotic process. There is an ancient legend that Adam was hypnotized for the celebrated rib removal, and unquestionably hypnotism played a part in a great many of the miraculous cures and epic feats of endurance which have been reported through the ages. Because of the strange powers of hypnotic individuals, the science was bound up with sorcery, witchcraft, demonology, and other dark superstitions of ancient and medieval times, and is thought to be the original basis for the fear of the "evil eye." which for centuries has terrified the peoples of southern Europe and most of the Orient. It is likely that hypnotism also lurks somewhere in the shadowy origins of the kindred superstition, the hex, which is still regarded as a menace by a great many simpleminded U. S. citizens.

Mesmer, magnetic fluids and long woolen underwear

Largely on account of its disreputable history, hypnotism was slow in passing from folklore into science. The first great modern exponent of the art was Franz Anton Mesmer, who began practicing in Paris in 1778 after expulsion from Vienna because of his unorthodox theories. "Mesmerism" became synonymous with hypnotism, but Mesmer was not primarily a hypnotist. He believed that life and health and well-being depended on a certain "electric" or "magnetic" fluid, which was lacking in sickly, dispirited individuals, and abundant in those of strong constitution. This fluid could be transferred by suitable passes and gestures from the strong to the weak when the latter were in a state of hypnosis. Mesmer's teachings created a sensation while he lived, and continued to have an influence for several decades after his death. The great English woolen-goods firm of Jaeger owes existence to the fact that its founder believed that the vital mesmeric fluid constantly emanated from the pores of the skin, and could be contained only by garments of pure wool. Founder Jaeger started to make long woolen underwear for himself, to prevent the escape of his essential emanations, and went on to build a worldwide business.

Mesmer's work provided a springboard for the most famous of all hypnotists, the French doctor Jean Martin Charcot, who became professor of nervous diseases at the great Salpetrière Hospital in Paris in 1862 and kept the post until his death 31 years later. One of Charcot's most enthusiastic early students was Sigmund Freud, who later abandoned hypnosis in favor of psychoanalysis, but who nevertheless owed much to Charcot. Another was Axel Munthe, the Swedish physician who ridiculed Charcot's work in his bestselling reminiscence, The Story of San Michele. Charcot had many detractors, for his hypnotic experiments were performed with subiecrs afflicted with various forms of hysteria, and he was convinced that only hysterical persons could be hypnotized. In addition,









What your car can learn from a "Grasscutter"

THE curious nickname of the Army's to attack so close to the ground. Said to fly50 miles an hour faster than Europe's best light bomber, the "Grasscutter's" twin engines have enemies in common with your car.

Heat and wear are the foes . . . dangerous 5th columnists which can cause plenty of damage, cost plenty for repairs.

And today, with weapons like the "Grasscutter" taking priority over new cars, you've got to fight heat and wear harder than ever before! Your Fall change-over-this year of all years-calls for the extra protection of Veedol Oils and Greases.

Take these 2 steps to longer car life 1. Protect your engine now with Winter-Grade Vecdol . . . 100% Pennsylvania oil at its finest, Veedol is super-refined from top-priced Bradford-Pennsylvania crude . . . toughest in all the world. Result: it's super-resistant to engine heat and wear.

2. Protect the chassis with 1000-mile Veedol Safety-Check Lubrication, Your expert Veedol Dealer covers all the danger points. He uses the finest lubricants according to the exact specifications of the men who made your car. That's the Veedol formula for chasing chassis wear

Keep your car going strong and safe with this two-step Veedol program,

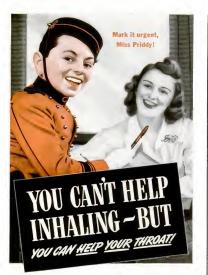


age New to Winter-Grade Veedel 100% Pennsylvania at its finest, yet it costs no more than many non-Pe vania oils. A product of Tide Water Associated Oil Company.



VEEDOL-100% Pennsylvania Your Motor's Best Defense Against WEAR

Prepare for Winter! Ask for the 1000 Mile VEEDOL Safety Check LUBRICATION



THAT'S right...all smokers sometimes inhale... knowingly or unknowingly. And inhaling increases the chance of irritation to sensitive nose and throat passages. But—see what eminent doctors found...on comparing the leading cigarettes! They report that:

THE SMOKE OF THE FOUR OTHER LEADING BRANDS AVERAGED MORE THAN THREE TIMES AS IRRITANT AS THE AMAZINGLY DIFFERENT PHILIP MORES — AN IRRITANT EFFECT WHICH LASTED MORE THAN FIVE TIMES AS LONG!

You can't avoid some inhaling—but you <u>can</u> avoid worry about your nose and throat... you <u>can</u> have true smoking pleasure without penalties—if you smoke Philip Morris!

CALL FOR PHILIP MORRIS





Superman was bypnotized last month by a sinister dwarf named Slag who made him do everything in reverse. Now Superman is out of Slag's clutches but Andy Gump has run afoul of a Hindu bypnotist who is trying to get hold of his hair-tonic formula.

SALTER (continued)

he proclaimed that hysteria and hypnosis were practically identical. This erroneous idea was challenged by rival psychologists and hypnorists, who proved that there was no relation between the two states, and exploded a number of other theories that were hatched at the Salpétrière.

These attacks gave Charcot so much publicity that he achieved a dubious kind of immortality, and at the same time they had the effect of discrediting hypototism and retarding further research in the science. For Charcot identified hypototism with mental instability, and the public quickly learned to link the two together. On top of this came the publication of George du Maurier's Trilly, a minor classic in its day, which told the horrinde reader of the moral, mental and physical downfall of the heroine at the hands of the vile hypototis Swengali. According to the story, Trilly developed a magnificent singer outer when hypototiced, though normally the Maurier's other thesis that, once hypototized, Trilly passed completely and permanently into Swengali's power. The prejudices aroused by the book probably were heightened by many commercial exhibitions of hypototism put on as sidehow and vadue'ille act.

His clients don't tell their friends

Hypnotism's shady past is the greatest hazard in the career of Andrew Salter, who may well be destined for a niche alongside Mesmer and Charcot. He winces when people describe him as a hypnotist, and somewhat austerely refers to himself as a "psychologist," though he is not a doctor of psychology. His subjects invariably are amazed, delighted and grateful, but they seem to be secretly ashamed of themselves, and they don't go around recommending
Salter to their friends. "I sympathize with them," Salter admits.
"In psychology, hypnotism is the original dog with the bad name. The average person believes that some kind of mental tug-of-war takes place between the hypnotist and the subject, and that only weak-minded people can be hypnotized. He also seems to think that hypnotists specialize in seducing females in the trance, or making subjects sign promissory notes and false wills, or even making them go and commit murder. Then there is the idea that you are bound to go insane if you continue being hypnotized, or at least become the slave of the hypnotist. I certainly don't blame my cases for not wanting to admit that they have been in my clutches.

Consequently, Salter makes a great effort to strip as much mysticism, superstition, and prejudice as possible from his profession.
"I artempt to de-glamorize hypnosis," he says. "I try to convince people that I am not a 1944-model Svengali." No one who knows Salter could long mistake him for a sinister character. He was born in Waterbury, Conn., where his father and three uncles were employed as watchmakers. His special talents in school were in cryptography and poetry. "I used to be able to break most any cryptogram," he recollects. "And I wrote poetry. In fact Robert Frost was impressed enough to send me a Christmas card.

Hypnotism first came into Salter's life when he was a student at New York University. He had hopes of becoming a professor of psychology, but he abandoned this program because of the long years of perparation that were necessary, and also because he was eager to explore new paths. 'I had no desire to spend the rest of my life studying the reactions of rats lost in labyrinths.' 'As a student of psychology he had made a routine acquaintance with hypnosis, and decided that it would be a promising field for research.

CONTINUED ON PAGE 19



When there's wine with food on the table, folks can ease up the moderate way, and enjoy themselves

SET OUT ANOTHER plate or two on the table. Ask some friends over. Folks are doing that more and more. Because evenings spent in quiet friendship help us to let up—to rest and relax.

Perhaps that's one reason wine has grown so popular lately. People find that when you share wine with a friend you share good talk and fellowship. You draw closer together, over good food and wine.

An interesting new booklet on wine serving is available now. Your copy will be mailed free if you will write the Wine Advisory Board, 85 Second Street, San Francisco. The Board represents every wine grower in California.

You can serve California wines with confidence—they are sound, well-developed and reasonable in price. Connoisseurs will tell you these wines of our own country are good by any standard in the world.

They're worth trying . . . be considerate, serve wine.





GET RESERVED SEATS FOR THE

Parade of the Seasons

Gorgeous spectacle produced by Mother Nature-Continuous Performance

Plan your room around a Picture Window, What could be more lovely than a living picture of a wooded dell, a blossoming garden or a boundless landscape as the feature spot of room decoration? Day to day, season to season, you'll never tire of Mother Nature's ever-changing scene, viewed through Libbey Owens Ford Polished Plate Glass.

Generous use of windows in all rooms is in key with modern living. They make your home lighter, brighter, gayer. Less electricity is consumed for lighting. Furnishings and decorations show off to better advantage, People's dispositions even reflect the cheerier surroundings.

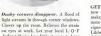
It costs less to let light flood into your house than it does to wall it out. You'll discover that when you talk to your architect, builder and the dealer who handles Libbey Owens Ford Glass, Designed for Happiness.



"We saved \$38 on fuel last winter." Case after case, like this one in Illinois, proves the economy of Window Conditioning, double (storm) windows of L.O.F Glass, Besides saving as high as 30 per cent of heating costs, they eliminate drafts.



Designed for Happiness



make your home lighter, igned for Happiness. dealer tell you how little it costs to have L-1110, Nicholas corner windows in your home. Bldg., Toledo, O.

See your Lumber and Glass Dealer



A pienic breakfast every morning.

It's as though you were sitting out of

doors, to breakfast by a window like this, paned with sparkling clear Libbey-Owens-Ford Glass. Why be satisfied with

less when, for no more money, you can get L.O.F. Look for the L.O.F trademark label on the glass when you buy,

SALTER (continued)

The young scholar plunged into the enormous literature of hypnotism. He is fluent in five languages, and he reads rapidly, but after nearly four years of steady reading he has barely dented the bibliography. He started out with European works, then branched into Oriental writers who told of the strange ways of fakirs who stand on hot coals and run knives through their bellies, of Indian Yogi who induce such profound trances that their pulses and respiration rates decline almost to the vanishing point, and who exist for days and even weeks with their vital functions in a state of suspension. Salter also studied the U. S. history of hypnotism, extending back to the time of the Massachusetts Bay Colony

The science of hypnotism, he found, had been largely neglected. Only in Germany and the Soviet Union was hypnotic anesthesia used to any important extent, generally in childbirth, and even in psychology hypnosis was far from commonplace except for experimental purposes. The reason was obvious. Despite the impressive power of hypnotic and posthypnotic suggestion, hypnosis had only a temporary effect. Most subjects could be cured of almost any quirk or habit-for a few days. Then the original suggestion would begin to wear off, and the patient would have to return for further suggestion. Besides being costly and inconvenient, this procedure in time led to an undesirable relationship between the hypnotist and the patient, with the latter growing more and more dependent on the former.

Salter gets his great idea

But in this drawback Salter saw a great opportunity. Would it not be possible to teach a subject to hypnotize himself, and give himself posthypnotic suggestions while in the trance? This might end the customary complaint that a relapse almost always follows hypnotic treatment. In all his reading, Salter had not come across any mention of such a possibility, yet he could think of no good reason why it couldn't be done. Salter was only a year out of college when this question occurred to him, and he was a mere stripling of 24. He was a psychologist, but without a doctorate his standing in the profession was and is roughly equivalent to that of a horse doctor in one of the conclaves of the American Medical Association. Salter had no formal research facilities available. He had to depend on the goodwill of a few interested doctors for a supply of subjects who would act as guinea pigs, but several dozen stutterers, nailbiters, insomniacs and alcoholics were referred to him, and by the end of 1938 he had proved that the thing could be done. More, he had devised precise formulas for doing it.

The next step was to get recognition for the discovery. Salter wrote an article describing the modus operandi of self-hypnosis, but couldn't get it published. None of the professional journals would touch the piece. At length, after many rebuffs, he sent a copy to Professor Clark Leonard Hull, of Yale's Psychology Department.



"The Living Gas Range" was the billing of this gifted young man employed by a German hyp oxist named Hanusen. When hypnotized by Hanusen, he allegedly produced stomach gases which burned brightly in a lamp and cooked food on a stove.







JUST OPEN A CAN AND BREAKFAST IS DIFFERENT!



Remember: Libby's delicious
Tamato Juice is rich in Vitamin C
and a good
source of
Vitamins A,
Br. and G1

II KINDS including Grape; Grapefruit; Orange; Orange and Grapefruit
Diluted and sweetened juices: Apricot, Loganberry.



Thal Hiller hypatilized Lindbergh by pinning a medal on him is the per theory of Ralph Slater (Idf), who believes that Lindbergh is now obeying a ponthyprotic suggestion, given him by Hilder, to make speeches against war. Mr. Slates here demonstrates how he thinks it was done. (Actually Lindbergh received his medal from Göring, never met Hirler) Slates, who camp us a subject under in Sase, face shis ket of Army camps.

SALTER (continued)

Hull is the author of a work entitled Hypausit And Sugarnibility, and is not only one of the chief or actes of American psychology, but perhaps the world's greatest oracle on matters pertaining to hypotenism. Hull read Salter's article (though he had never head of Salter) and was sufficiently impressed to send it along to the Jaurnal of Gantal Pyalosty, of which he is an editor. The calibre of this recondite publication can be judged from the fact that its book-review section cautions readers against submitting reviews unless they are Doctors of Philiosophy, or better. But the issue of the Jaurnal for April 1942 carried a research report of some 4,000 ways of the plant of

Salter was amazed by the response to this effort. Letters poured in Two big lecture bureaus approached him with lucrative concracts which he did not sign, and Time ran an article called "Every Man His Own Svengali," at title which Salter consider sather picturesque. The sales manager of an insurance company in the South wrote to ask whether Salter would come down and cach self-hypnosis to his sales force, so that they would overcome a distressing tendency to take thing easy once in while. Salter rumed the offer down

The Salter method of self-hypnosis

The essence of the Salter method lies in training the subject to be his own hypotatis in place of an outside operator. "It doesn't matter who or what does the hypotatizing and the suggesting," he says. ... "The important thing is the trance, and the absorption of suggestion while in the trance." To subjects he explains this point as follows: "There is no such thing as A hypotatizing B. All that A does is to tell B which roads to follow to get to his destination—hyposis. It doesn't matter who tells you what roads to follow-whicher I tell you thing to whether you call ourself the town of the control o

Salter's procedure with a new case follows several different stages. First there is the test for hypnotic ability. Next, Salter makes the subject decide exactly what he hopes and expects to accomplish by hypnosis. The meaning and effects of hypnosis are explained, and then come a series of practice trances, during which Salter gives the subject posthypnotic suggestions designed to make him more receptive in the future. Gradually he shifts the emphasis from himself to the subject, and helps him imperceptibly into self-hypnosis. When suitable progress has been made. Salter tells him to go home and practice hypnotizing himself with the help of a prepared incantation. Sample incantation: "I feel very comfortable. My arms are so relaxed. My feet are very relaxed and heavy. I feel so very comfortable and relaxed. My whole body feels comfortable and relaxed. I just want to sleep. I feel so comfortable. . . . My eyes are getting heavy, so very heavy. They're closing bit by bit, they feel so heavy and relaxed. I feel them closing more and more. I want to sleep, and I want my eyes to close. . . "This continues until a climax is reached: "Now I am fast asleep, in the deepest possible hypnotic sleep, as deep as the deepest hypnotic sleep I have ever been in. I have complete autohypnotic control of myself. I can give myself autohypnotic suggestions and awaken whenever I wish. ..." The peculiar state of autohypnosis wherein the subject can both then and receive suggestions is hard to define. It is as though the person had the ability to talk to himself even when sound asleep.

The majority of Salter's cases learn the routine after five or six interviews, and rarely see him afterwards. After a few weeks of practice they no longer need to repeat the incantation, and put themselves into a deep trance almost instantly, simply by refiling themselves that that is what they want to do. Salter has one subject who used to suffer from "that treit feeling," who takes his does of autohypnosis while going to his office in the morning, and he related to the subject of the subject of

Though pleased with the successful results he has had to dare, Salter thinks that he is just starting to get under way. He believes that with the exception of suicide urges and the "will to die," which call for different therapy, there are few psychoneuroses that can't be straightened out in a good subject. This excludes morons, young children and insane persons, none of whom can be hypnotized.

He is convinced that the U. S. Army should pay heed to the value of autohyponois in war. "An average of at least 200% of the soldiers could learn the art," he says. "They could then march 30 miles a day with full equipment and not be fatigued. They could go for long periods without food and yet be comfortable. They could fall asleep in open trenches or shell holes with the worst artillery barrage or record going on overhead, and sleep soundly for as long as they pleased. They could immunite rhemselves against fear and pain and the horror of war. In fact, they could learn to forget the war on help leep they have the removed as the same of the same and the horror of war. In fact, they could learn to forget the war on help keep up their moraled during air raids. Salter has suggested as much to His Majesty's Government, but doesn't think the idea will get very far a represent.

More diverting is his somewhat playful ambition to go out to Hollywood, select some extra girl, each her autohypoosis, and warch her develop into the screen's greatest actrons. Salter believes warch her develop into the screen's greatest actrons. Salter believes trained to the selection of the



Two blocks of granile weighing 200 lb. each were broken on the rigid body of Miss Marie Sweezy after she had been put in a cataleptic trance in 1931 by a hypotosis named Mink de Ronda in Los Angeles. This kind of stunt is extremely dangerou. At though subject feels no pain at the time, her internal organs may be severely injured,

Smart Idea helps Co-ed make big party hit

BETTY: Oh, what will 1 do! I want my party to be something very special! But here it is 6 o'clock—and the appetizers haven't come.

HETTY: No need to fret — if there's a package of Shredded Ralston in the pantry!



BETTY: Shredded Ralston, why it's our favorite breakfast cereal. But what has it to do with appetizers?

HETTY: First we'll melt ½ cup of butter in a pan. Then add a package of Shredded Ralston, ½ teaspoons salt...heat and stir. And we'll be teady with the grand-

BETTY: Everybody's "oh"-ing and "ah"-ing over those Shredded Ralston appetizers you suggested! Will you help me fill the dishes again?

METTY: Bighcarted — that's the word for me! Let you "wow" the boys with my suggestion! But come on, I want some more myself!



For aperium that are different, during delicious, yri Streedel Rattoon prepared according to the recipe above. For state breakfalant—works to Streedel Rattoon connectors No other ceveral lite it Nosaira and Control of the Control o



The Cereal Millions Eat Because They Like It!



THIS IS THE SAME CHICAGO STREET BOHROO PAINTEO ON OPPOSITE PAGE. NOTICE HOW OFTAILS ARE CUT OUT AND SIMPLIFIED IN PAINTING TO MAKE BETTER COMPOSITION

BOHROD OF CHICAGO PAINTS NEON-LIGHTED NOCTURNES

When the spirit of night walks o'er the Western wave, and settles upon a beer parlor or country gas station, Aaron Bohrod takes out his paints. The shabbier the seene, the more Bohrod likes to portray its wifful beauty, especially under the glow of a neon sign. While his art is not restricted to this field, Bohrod is America' No. 1 painter of neon lights.

For most of his neun-lighted nocturnes, Bohrod turns to the back streets of Chicago. On these streets he grew up. From these streets be escaped, became a successful commercial artist. To these streets he returned, after studying art with John Sloan in New York. Now at 33 he is best known of Chiengo artists. Bohroi's parents were born in Bessarabia. From them he seems to inherit a Slavie moodiness and sense of age color which enables him to romaticize the so-called ugliness of American life, without destroying its essential character of departing too far from reality. In his life, as well as art. Bohroi shuns pretense. His increasing uscess still flush him genial and midd-mannered, looking perfectly at home in an ordinary Chiego Subnth. At his fifth one-man show, now he ing held at New York's Associated American Artists Gallery, the first free paintings sold west to mmeentus.



ry, the first five paintings some went to missening. AARON BOHROO IS SHORT, SLIGHT, SANOY-HAIREO, SH





"Raity Night," painted last winter, shows a street corner on Chicago's north side. Bohrod did this scene once before, in 1933, and exhibited it at a radical John Reed club show during what he calls his own "Rose Period." The earlier picture was stolen by an art-loying comrade and has not been seen since. The new one belongs to Collector Moss Hart.

ant in a parked car across the road making his pencil sketch, added the figures later from his imagination. This particular slice of night life, well off leaten Chamber of Commerce paths, is typical of Bohrod's interest in shanty towns and big-city back streets.





"Merrillan Night," a scene just outside a small Wisconsin town, was neturally drawn at night on the lawn of a tourist home. The only light was supplied by a dim glow from the neon tourist sign in the foreground, the headlights of possing ears. Bolared likes to add touches later, part in the gas station at left to dispel some of the gloom. "Evening in Roscommon" was painted in a small Michigan town in 1937. Bohrod began his sketch in the gathering summer twilight, but, be says, "As I worked along the thing got more and more nurky until I found it necessary to install artificial illumination." Consequently he fell back on a pet device and added men loop.



HOW YOU CAN SAVE YOUR TEETH FROM THESE CAVITIES

"WE DENTISTS SEE PATIENT AFTER PATIENT WITH CAVITIES CUT INTO THE EXPOSED. SOFTER PARTS OF THEIR TEETH BY REGULAR BRUSHING WITH DENTIFRICES **CONTAINING ABRASIVES"**

You Can Avoid This Trouble Simply By Changing to Liquid Dentifrice

Liquid dentifrice cannot injure your teeth because it contains absolutely no abrasives

Yes, literally millions of people are unknowingly causing serious damage to their teeth which Nature can never repair.

This injury is caused-not by the toothbrush-but by regular brushing with dentifrices containing abrasives.

Gradually, as the months go by, these abrasives cut cavities into the softer part of teeth along the gum line exposed by shrinking gums, where there is no hard, protective enamel.

In fact, among people who brush their teeth regularly, a very large percentage of all cavities along the gum line that require filling are probably the result of this injury. This was shown by a clinical study published in a leading dental journal.

Disclosed by Scientific Research

These startling facts-long known to many dentists-were recently confirmed by scientific research. Eminent independent scientists made laboratory tooth-

brushing tests with a number of dentifrices containing abrasives. Every one cut cavities into the softer part of the teeth.

In the same manner, these scientists tested the new liquid dentifrice-Teel. In no case did Teel injure the teeth in any way, because Teel contains absolutely no abrasives ery Drop! of any kind whatever.

reveal natural whiteness and beauty of your teeth. It isn't soap, yet multiplies into thousands of tiny, cleansing bubbles in the mouth. **How Teel Reveals Beauty** of Your Smile These active bubbles amazingly help to

remove the daily accumulation of decaying food particles and the dulling surface film that hides natural brilliance of teeth. Thus your teeth look so much whiter, more thrillingly beautiful.
With your first Teel brushing, you'll

know something good and different has happened by the satin-smooth "feel" of your teeth-by the glorious freshness of your mouth. Teel helps sweeten bad breath. It's easy to use and economical. Only a few drops are required for each brushing.

Start This Safe Liquid Way Today Naturally, you want to save your precious

teeth from the injury pictured above, If, however, you feel that your teeth need an abrasive scouring, at least occasionally, we suggest that you follow the special directions given on the Teel package, So today adopt this safe liquid way of

cleansing your teeth. Use Teel twice a day and enjoy its amazing benefits. Get Teel at any drug, department or 10¢ store. And be sure to see your dentist regularly for his professional care. Procter & Gamble.



Ta Dentists, Physicians, Nurses, and

Teachers: A booklet for professional

people which contains an authoritative report of the scientific research sum-

marized above will be sent to you or request, free of charge. Send your name

and address to Teel, Box 687, Dept. NL,

Cincinnati, Ohi

Use Instead of Tooth

Pastes and Powders!

ee



PROM A PLANE, FIRST IS ALL TOO MIGHT SEE OF AN INVARIANT ATTACK. AT ELEFT COBERTATION PLANE PICAS OF A MICSARDE, READS A CODE SPECED ON GROUND. AT HIGH



AT DIVISION COMMAND POST, THIS RADIO COMMUNICATES WITH CORPS COMMANDER

SIGNAL CORPS ON ITS ABILITY TO GET MESSAGES THROUGH TO

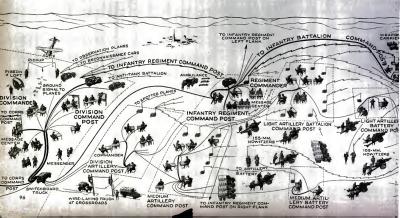
THE FRONT DEPENOS THE FATE OF THE U.S. ARMY

in the history of warfare, the most frequent cause for lost battlets has always been failure of communications. A Waterlanc, Napolson and clisaster because he was not quickly informed of the flanking movement of Blitcher's Praxions who were trying to join Wellington. At Montleanon, in World War I. Americans shelled Americans when, unknown to one division, another division entered the town. Last Americans when, unknown to one division, another division entered the town. Last particularly one was the communication when the Lordand was predicated on the disruption of the enemy's communications for behind the front lines.

In the Louisian maneuvers in September V. U. S. Army communications were

THIS IS WHAT ACTUALLY IS COING ON IN PICTURE ABOVE. MESSACES TRAVEL FROM

A STATE OF THE STA





MORTARS AND PLANE LAY SMOKESGREEN WHILE ASSAULT BOATS AND PONTON BRIDGE APPEAR IN RIVER. IN DISTANCE: DOGFIGH

not good. Frequently an order took three or four hours to filter down from the commanding general to the soldier in the field. Said one bitter officer, "Communications always work well until we need them."

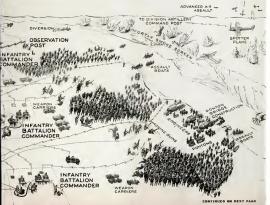
To work out these kinks in U. S. Army communications and to make sure that in time of actual war a commanding general's order will get down through division, regiment, hattalion, company and plateon to the front before it to to late is the job of the Signal Corps. Its methods for getting messages through are varied. It may we string wires and use telephones. It may even use light planes, homing piezons, or the semaphore code. In may use, unless it does its job completely and accurately, the U. S. Army will usere win a battle user win a battle.

The two drawings on this page show how the Signal Corps works. Above you are looking down from an airplane on an infantry attack which has just begun to move. Because of trees and camouflage, you cannot see much, Below, however, all concealment has been removed. By studying closely you can understand how a message gets to the front.

to the Front.

Short messages start with Division Commander (fire left)
Most messages and reduce ommunication back to
Graps Commander. To Division Commander come messages from pigeons and spotter planes. He has two main
lines of communication—to his divisional artillery and to
his infantry regiments (only use of which is shown here).
The Division Artillery, in turn, communicates with the Most of t

OIVISION COMMANDER (LEFT) TO THE FIGHTING FRONT (RIGHT) BY RADID (JAGGED LINE) DR BY TELEPHONE (SMOOTH LINE)





...without mixing your Liquors!

STICK TO BACARDI—the most congenial and versatile of all the great liquors of the world. You con make nearly all mixed drinks with BACARDI—and give them the added thrill of its smooth, exquisite flovor.

Before Dinner—serve Bacardi cecktali I Made with Bacardi White or Silver Label I

With Deal-least straight (the faces of the last)
(the face of

Rum 89 Proof-Schenley Import Corp., N.Y. Coor, 194



WORLD'S BEST PROVIDER — but STARVATION' stalks his home!

It's commonly known that the average American is the world's best provider. He doesn't stimt when it comes to providing his family with life's necessities—and most of its luxuries. Yet in spite of his proportionately large share of life's bounty, each winter he unknowingly courts a serious form of starvatiou—sun starvation⁸!

San stravation is simply a fack of a normal moment of healthful sumbles, and address the winter when the nan radiates only 1716 and the winter when the nan radiates only 1716 are in the property of the strain of the strain of the strain heater it reads to sap one's viaility. The strain heater it reads to sap one's viaility and the strain way for colds and other common similar and an attralate there's no need to worry about sum accretion with a lamovia Apine San Lampviale rays of a Hamovia Kipine San Lampviale rays of a Hamovia king will have tooled rays of a Hamovia king will have been applied and the strain of the strain bette will easied in evolution common andlate the strain of the strain of the strain whole family 3 heater and will be strainly a strain whole family 3 heater and will be strainly associated as the strainly strainly associated as the strainly associated as the strainly strainly associated as the strainly associated as the strainly strainly associated as the strainly associated as the strainly strainly as the strainly as the strainly as the strainly strainly strainly as the strainly strainly as the strainly as the strainly strainly strainly as the strainly strainly as the strainly strainly strainly strainly strainly strainly as the strainly stra



fused quartz is employed in forming a Hanovi "burner." Fused quart has the property of transmitting more ultraviolity in the property of transmitting more ultraviolity to write lengths than do any other material use in lamp construction.



wines politican will be not it marks to marketill from the Removie and held during the visiter, uplan tentionals will asset them in the deligence of the remove, a mond first, a best title being full of initially and yet, and the removie better the being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initially and yet, and the removie being full of initial political properties and the removie being full of initial properties.

NEWARK, NEW JERSEY

See Hannyis Limps at department, elactric and medical stores
and sen absentants. Prices from \$45.05 C.B., Resert, H. L.
For further information write Bays. L. 3



Regiment Command Post is smaller and more mobile than Divisioo Command Post. This field set communicates with battalion. Soldier at right works hand generator.



Battalion Command Post is still smaller. Because it is so near front it must be ready to advance or retreat at minute's notice. These soldiers receive and uncode messages.



Right on the front line, watching the enemy, is scout with a "walkie-talkie" radio. To Battalion Commander he reports the movements and concentration of enemy troops.

CONTINUED ON PAGE 101



ONLY NATURAL FLAVORS

Are You

ONER-corneted?

You must admit that you have worn corsets that were a little tight or a little loose. Now, Flexces adds to its fa-

or a little loose. Now, Flexces adds to its famous 7 Basic Figure Types, the all-important "Tensile Element" in the fabric, giving you just the right amount of corseting your figure needs.

Do experience this new thrill in corset comfort and figure loveliness. See your favorite corsetiere now.

Girdles sod Combinations \$5,95 to \$15 teligibility higher in Canada;



THE WORLD'S LOVELIEST FOUNDATIONS



"If I were you," warned Elsie, "I wouldn't be sticking my neck out!"

THE TURKEY stared reproachfully at Elsie, the Borden Cow, and then retorted:

'I'll overlook your crude choice of words and simply repeat that this is the season when I really get to be appreciated. There's a rising tide in my favor-I can see it in folks' eyes."

"I can see it in the corners of their mouths," agreed Elsie. "Of course it's a kind of enthusiasm I'm quite

familiar with-you know, in connection with my milk." "Your milh!" scoffed the Turkey. "Surely folks don't think there's anything very special about that?'



"They certainly do, my chesty friend," asserted Elsic. "And not just now-but all the year round. They know that an army of Borden experts and scientists are making sure Borden's Milk, as well as the flock of grand products that are made from that milk, is always good

"Come, come, my good woman," gobbled the Turkey pompously, "I realize you're more or less useful. But, frankly, does anyone actually rate any of your contributions as a treat?"

"You bet your gizzard they do!" Elsie replied enthu-

siastically, not noticing how the Turkey winced. "Why, Borden's Ice Cream-smooth, pure, luscious, because it's made from such grand milk and cream-is hailed with glee by folks from 9 months to 90 years old."



"Probably just a passing fad," pools-pooled the Turkey, "Nothing permanent, like my standing in the community.

"You should live so long," remarked Elsie. "There's never any slack season in the popularity of Borden's Irradiated Evaporated Milk, either, It's the secret of



it's so digestible and rich in vitamin D that doctors approve it for babies."

"Kid stuff, eh?" sneered the Turkey, getting a little redder in the face.

"Yes," beamed Elsie, "most Borden products do go

great with kids-and grownups, too. Borden's Eagle Brand Sweetened Condensed Milk helps to make cookies, candies, and marvelous cake frostings that tempt every size of mouth."



"Let me remind you," puffed the Turkey proudly, that I'm an honored American institution!

"So is Borden's," Elsie pointed out, "and so is one of the most popular of the distinguished family of Borden's Fine Cheeses-creamy, golden-crusted, richflavored Liederkranz. I'm really quite proud of it . . .'



'So I've gathered," sputtered the Turkey. "You seem to take credit for just about everything that's good."

"Don't be so stuffy-you'll be that way soon enough," smiled Elsie. "There are some delightful foods that don't happen to be made from my milk."

The Turkey ruffled its feathers smugly: "You're finally going to admit that I really am the holidays' big shot?"

"Oh, you're all right-you're fine, in your place," assured Elsie. "But you've got to admit that topping you even at your star appearance is something that's the result of Borden care and skill. It's the extra luscious, spicy pie that's made with Borden's None Such Mince Meat-whose juicy fragrance says 'holidays' like nothing else!"



"You Bordens certainly think a lot of yourselves!" the Turkey gobbled furiously.

"Keep your wattles on, my friend," Elsie soothed. It's all the people who rely on Borden's that think a lot of us. They're the ones who are first to tell you . . . 'if it's Borden's, it's GOT to be good,' '

Full-color Elsie Pictures from the ads-illustrations only, no advertising. Set of six, suitable for framing, 71/2 x 71/2 inches. Write Elsie, Dept. A, Post Office Box 54, New York, N.Y., enclosing 10 cents.

In Canada, address Burden, Spading Crescent, Toronto, Ont.





"Wish you'd toss me that Community instead of your bouquet!"

GOOD TASTE and good sense go hand in hand when a bride selects Community.* The patterns are distinguished, correct—and your silverware dealer has complete services for 8, in free anti-tarrish chests, as low as \$44.75 (including Federal Tax), Budget terms, six open-stock patterns. Remember, Community lasts a UNETIME.

shill and experience to defense work, the
supply of Community may be finited this fall

IF IT'S COMMUNITY...IT'S CORRECT!



Signal Corps (continued)



Code messages spelled out by white cloth panels against a brown field are used to communicate with aviators. This message may mean "Investigate enemy activity."



catches on upper wire, bringing lower wire, with message attached, up near to cockpit.



Pigeons can also be released and sent flying back to the Division Command Post with important messages, Most Signal Corps pigeons are trained at Monmouth, N.J.



THE AMERICAN HERITAGE

IT IS OURS BECAUSE MEN DARED BE FREE

The great places to which the thoughts of Americans turn in times of mortal danger were calm and beautiful in the desing months of 1941. The maning American autumn chothed hattlefields and churchyards and mountainsides in their anault magnificence. Yachts role at anchor in the sparking blue of Plymonth Harbor (opposite peap), shadowy peace housded over ancient American in Virginia (foliar). Yet there was no peace in the circuit of 1973, of the product of the product of the product of the product of the foliar blue of the

ir priceless heritage.

This heritage is the historic ideal of freedom.

To preserve it, millions of American lives and billions of American dollars have, up to now, heen a cheap price to pay. Yet it was a thing of small beginnings. On these two pages are pictures of two of those heginnings—Jamestown and Plymouth Rock—Virginia and Massachusetts.

The 10 high-spirited adventurers out of Shakspeare's London who came above at Jamestown in 1607 were mostly doomed to die in the midst of interdible hardbins and combats with the Indians. But others followed them and at Jamestown, in 1619, the first perspensaturies assembly of the new world held its first meeting. Here tobacco was first cultivated and the first Negro draws ever imfract cultivated and the first Negro draws ever imfert the cultivation of the first Negro draws are infert than the second of Southern evidence of Southern evidence and a Jamestown the first great American robel. Athanical Bason, took over the government as early as 1676 and defied the royal government.

The men who tossed through winter seas in the Magdower and lauded at Plymouth in 1020 came from an entirely different strain of English character. They were middle-class yeome and artisans who refused to conform to the Established Church and preferred any kind of hardship or personal dauger to loss of their religions liberty. Silent and

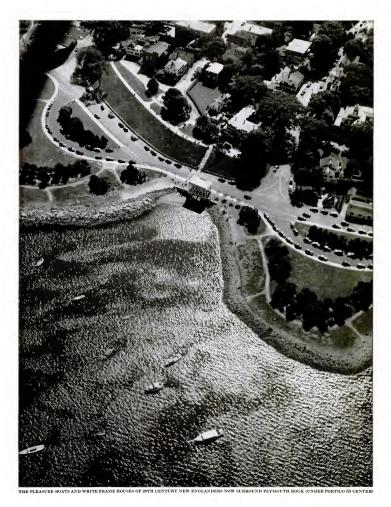
stern and proud, they brought to New England a strength of character that, blending in the national inheritance, has in three centuries spread its unmistakably Yankee influence across the continent to the Pacific.

After these beginners came many other kinds of

men—the Dutch of New Amsterdam, the Quakers and Germans of Pennsylvania, the Scotch-Irish dissenters and Huguenot refugees to the Carolinas. All of them came for freedom-freedom from kings, and armies, and bosses of every kind-freedom to speak and worship and wander as they chose. They mingled as a mighty river and, in waves of exploration and settlement, rolled across the Eastern mountains even before the revolution They took routes whose names are still rich music to American ears-Cumberland Gap, Wilderness Road, the Natchez Trace, the Oregon Trail, the Santa Fe Trail. They fought at Concord and Yorktown, on Lake Erie and on Chesapeake Bay, in the Alamo and beside the Little Big Horn. They felled the forests and farmed the fields and raised hig families and chased Indians and killed buffaloes and laid railroads and built cities and started factories and struck oil and made money-lots of it. But, above everything else, they left America free.



AT JAMESTOWN, OLDEST ENGLISH-SPEAKING COLONY (1607), THIS IVIED CHURCH TOWER SURVIVED FIRST BIG REBELLION AGAINST THE CROWN IN 1676





THROUGH THE PLAIN DOORWAY OF ST JOHN'S CHURCH IN RICHMOND WALKED PATRICK HENRY IN MARCH 1775 TO MAKE HIS GREATEST SPEECE

PATRICK HENRY CALLS FOR WAR

The aristocrats of Virginia opposed the forming of A State millite when their convention met is 81. John's Church, Richmond, to act on the crisis of 1775. They wanted to try more appearament of George III. By parang Parties Henry from backwood Hanover County and conted them with words that vill always ring in American oras: "Gentlemen may cry, Peace,

peace, peace—but there is no peace. The war is actually begun? The next gate that sweeps from the North will bring to our cars the clash of resounding arms? . . . Is life so dear, or peace so sweet, as to be purchased at the price of chains and slavery? Forbid it, Almighty God! I know not what course others may take, but as form e.give me liberty, or give me death!"



ACROSS DEW-SOAKED LEXINGTON COMMON, MILITIAMAN JONATHAN HARRINGTON JR. CRAWLED HOME (BACKGROUND) AND DIED OF BRITISH BULLET

MINUTE MEN DIE ON THE GREEN

On the night of April 18, 1775, a scarlet column of British regulars marched out of Boston to seize the provincial military stores at Concord. Next morning before the sun had risen, their advance guard of 400 men cancaround the meeting-house at Lexington in sight of the Common. There 77 Minute Men under Captain John Parker awaited them in silence. "Disperse, ye rebels!" cried the British major. The Americans did not sitr. Three times the command was repeated and then shots rang out. Seven Lexington men and one from nearby Woburn were fatally wounded. That night as British were burried back to Boston, thousands of avenging Minute Men swarmed up from the countryside and began the Revolution.



CANDLES BURNED LOW IN STATE HOUSE AT PHILADELPHIA AS CONTINENTAL CONGRESS GAVE FINAL APPROVAL TO DECLARATION OF INDEPENDENCE

WE DECLARE INDEPENDENCE

All through the long, hot afternoon of July 4, 1776, the delegates of 18 colonies sweated and argued behind locked doors. They had already adopted, two days before, the resolution of Richard Henry Lee of Virginia: "That these United Colonies are, and of right ought to be, Free and Independent States."

Now they must publish and justify their act to the world. If they failed to convince their countrymen, they might well hang—together or separately. They did not fail. As they streamed out into the quiet of what is now Independence Square, the 13 seaboard colonies had become the United States of America.



GENERAL HENRY KNOX'S ARTILLERY RESTS NEAR THE SCHUYLKILL RIVER AS EARLY MORNING MIST CLOAKS THE APPROACHES TO VALLEY FORG

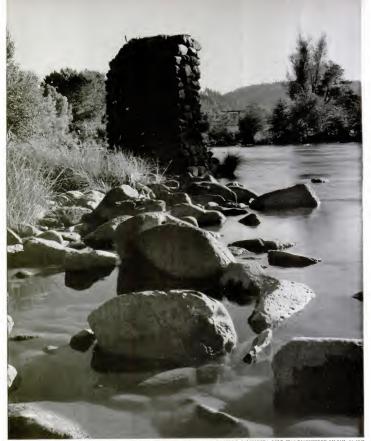


MAJOR ARMISTEAD, DEFENDER OF FORT MEHENRY, LOOKS DOWN FROM RAMPARTS WHERE STAR-SPANGLED BANNER SURVIVED 1814 BOMBARDMENT

OUR ARMS ARE VICTORIOUS

The supreme test of American fighting spirit came A valley Forge where George Washington's beat-enarmy retired to lick its wounds in snow and mud in the winter of 1977–78. Screams came from the tents where sorgeons worked by roshlight with unsterilized saws and shears. Yet by June the Americans had

fought General Clinton to a standstill at Monmouth. That spirit shone again on Sept. 13, 1814, when a British fleet poored bombs on Baltimore's Fort Me-Henry for 24 hours. At7a. m. on Sept. 14. Author Francis Scott Key saw the fort's flag was still there. Never again did a foreign army gain a foothold on U. S. soil.



THIS STONE PILE BESIDE THE AMERICAN RIVER IS THE ONLY BELIC OF SUTTER'S MILL WHERE CALIFORNIA GOLD WAS DISCOVERED ON JAN. 24, 1848

GOLD ENRICHES THE NATION

Many men from many parts of the world helped discover the gold of California. Indian and Mormon workmen, digging a miltrace in the red mud flats of Coloma Valley, toosed up the first pleaming flakes in 1848. Their forenma, James Marshall, a Svotsman from New Jersey who wore butckkin and a bright Mexican serape, suspected they were gold. He earried them to the Swiss lord of the Sacramento Valley, Captain John Augustus Sutter, who made confined greats with aqua fortis. In the early rush up the Sacramento came Russians, Chinese, bearded Yankes sailors, Hawaiians with golder skins. Marshall and Sutter died poor. But the gold of California cemented the continent with new roads and blood from many lands.



JOHN BROWN'S "FORT" WAS THIS BRICK ENGINE HOUSE OF OLD U. S. ARSENAL, NOW STANDING ON STORER COLLEGE CAMPUS AT HARPERS FERRY, W. VA.

IDEALISTS START A CIVIL WAR

T he riches and safety that America had won meant little to many Northerners so long as more than 3,000,000 Southern Negroes were held in slavery. And in the South men who owned slaves said they would leave the Union if they were interfered with. On the Sabbath night of Oct. 16, 1859, bearded old John Brown from Kansas set out to interfere. He led 18

armed men into the sleeping town of Harpers Ferry, overpowered the watchman, seized the U. S. Arsenal and began freeing local slaves. Two days later U. S. Marines smashed the doors of his little fort and bayoneted John Brown to the floor beside his dead and dying sons. He recovered and was hanged, but in the North men soon sang, "His soul goes marching on!"



PEACH TREES WERE IN BLOOM AS LEE AND GRANT MET AT APPOMATTOX. TABLET NOW MARKS SITE, OLD TAVERN (BACKGROUND) WAS ACROSS ROAD

THE UNION IS PRESERVED

The long, ungry war that Americans fought against Americans was suddenly over on Palm Sunday, April 9, 1863. At Apponattox Court House, 95 miles to the west of captured Richmond, the remnant of Lee's great army was encircled by crushingly superior Union forces. In a fresh uniform and a deep-red sash, General Lee shook hands with Grant, who rode up hastily in rumpled fatigue dress. The surrender papers were signed in a village parlor. When Grant agreed to let each Southern man take home his own horse or mule to plow his land, Lee looked relieved. "This will have the best possible effect." he said.



A PRESIDENT IS MARTYRED

From Palm Sunday to Good Friday is only five days, and that was all the time Abraham Lincoln had to begin building a real peace among the States. He refused to glorify the victory. He told his Cabinet: "Enough lives have been sacrificed. We must extinguish our resentments." Then, on the night of April

14, the Southern Actor John Wilkes Booth stole into the President's box at Ford's Theater and shot him from behind. In the words he had already spoken at Gettysburg, the people of all the States were to find the final meaning of the Civil War: "That this na-tion, under God, shall have a new birth of freedom."





THE NATION WAS SPANNED BY RAIL IN 1809, WHEN A COLDEN SPIKE WAS DRIVEN AT PROMONTORY POINT NEAR CREAT SALT LAKE, UTAH (ABOVE)

WEST AND EAST BECOME ONE

A mericans got their first knowledge of the vastness of their country from the expedition of Meriwether Lewis and William Clark, which left St. Louis May 14, 1804, reached the Pacific one year and six months later. They found plains teeming with buffalo, ante-lope, rivers swarming with fish, mountains crested

with eternal snow, strange flat-headed Indians. The winning of this Western land was the great achievement of American enterprise in the 19th Century. On May 10, 1869, a laconic telegrapher tapped out a mes-sage from Promontory Point: "The last rail is laid. The last spike is driven. The Pacific railroad is finished."



NEAR THIS GRANITE PYLON OVERLOOKING KITTY HAWK BAY, N. C., WRIGHT BROTHERS MADE FIRST POWERED AIRPLANE FLIGHTS IN HUMAN HISTORY

THE SKY IS OPENED TO MAN

The limitless ingenuity, inventiveness, cool skill and patience with which Americans have made their dreams come true is memorialized for all time at Kitty Hawk. In their Ohio bicycle repair shop Wilbur and Orville Wright had solved delicate problems of accro-dynamics with sprockets, chains, inner tubes and

tire cement. They had made their own gliders, kites, models and gasoline engine. And when they at last put their big box kite of a flying machine in the air —on Dec. 17, 1903—it flew. Not far—only 85¢ ft. in 59 seconds. Only five men saw it happen. But it was enough to open a new world to men everywhere.



Above: Incorrectly corseted. At right: In her Spencer. Note erect, graceful posture and lovely backline. The 'Indon's incurve has disappeared and all lines of her figure (in goins night) are longer and slimmer.

*A Lordasis backline is a deep incurve or the wais which farces the abdamen forward and causes an unlavely bulge below the waisline in back. Have a Spencer designed to uplift and flatten your abdamen and give you a lovely backline. Nature will then restore the muscle tane, relieving backache and nervaus fatigue when caused by this condition.

WHATEVER the figure problem that troubles you—whether it is a Lordosis backline, a pouchy abdomen, or spreading hips—find out what an individually designed Spencer can do for you.

Haw to lase your bulges

Your Spencer corset and brassiere will effectively correct any figure fault because every line is deaigned, every section cut and made to solve your figure problem, and yours only. Spencers are light and flexible yet every Spencer is guaranteed to keep its lovely

Spencers are light and flexible yet every Spencer is guaranteed to keep its lovely lines as long as it is worn! No other coract, to our knowledge, has this guarantee. Prices are moderate—depending on materials. Stop experimenting with corsets that look their shape after only a few weeks' wear!

Have a figure analysis-free

At any convenient time, a Spencer Corsetiere, trained in the Spencer designer's method of figure analysis, will call at your home. A most interesting study of your figure will cost you nothing.

st you nothing.

See your future beauty lines in fascinating free booklet Send us the coupon below, or look in your telephone book under "Spencer Corsettere," and call your nearest corsettere, for interestingillustrated booklet, "Your Figure Problem." This will not obligate you in any way.

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Ambitious women may find business openings as corsetieres in every atale. We train you.

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Save money on corsets. Wear a

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SPENCER Corsets and Brassieres

Alternate in Canada at Rock Island, Quadro, and in England at Bondury, (Octob).

SPENCER Corsets and Brassieres

THEATER



A SWIRLING GAUCHO RUMBA IS DANCED BY MARY PARNER AND BILLY DANI

COLE PORTER TUNES AND ARMY GAGS Make ''Let's face it!'' a fun fest

No one has yet invented a foolproof formula for that most American of all entertainments, the musical comedy. Joyous rhythm is certainly one essential. So is a book which, if it doesn't always make sound dramatic sense, serve at least as a shiry skating rink where the actors may properly cut up. Further indispensables are a furnee of reack concilians, a handome dance team, several lavish sets, a hig production number or two and a dowspoor of gaps.

Let's Fore III is one of those rare shows that has all the ingredients. Its music is out of Cole Porter's tunefl to gleaver. Its humon, analysately Irank and gusty, is given double glitter by Ginema Actrees Eve Arden and Broadway's never timouyamo, Damy Kaye. The show's mood is topical and its smoky gage come fast. And finally, under the smart showman-ship of Producer's Winton Freedley, the whole performance is funed, with fine theatrical alchemy, into two hours of rough and rowdy fun. That makes for Let's Fore III on almost perfect score as the season's first mass hist.



THREE ROONIES ON A VISIT GET AN UNEXPECTED GLIMPSE OF HOME LIFE



IN STEP WITH THE TOPIC OF THE TIMES ARE THESE MILITARY CHORUS OIRLS OF "LET'S FACE IT!" BACKDROP IS RED, WHITE AND BLUE. TITLE SONG IS PATRIOTIC



Write for illustrated booklet 115 to GIRARD-PERREGAUX - ROCKEFELLER CENTER, N. Y. In Casada - Deminion Square Building, Man



SELECTIVE SERVICE MEN NEED THIS NEW TYPE BILLFOLD

Perfect for the snap-shots from home—practical for the extra cards and passes he must carry... the elseer compartment with mine individual similar to the compartment of the compartment

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The Unique Pass and Card compartment is DE-TACHABLE! He

TACHABLE! He has simply to un-snap it and he has a smart Wafer-Thin Invisible Siich billfold for Dress Wear. Give a REGISTRAR this year - he needs it.

NEW YORK - CHICAGO ST. LOUIS - TORONTO



This is the funniest scene. Three rookies are plotting mischief on the camp parade grounds after taps, when they are supposed to be in bed. Trapped by the approach of their lieutenant, they jump on the base of a statue and pose as bronze fig



Screwball living tableaux are posed by rookies to escape detection. To add to their distress, one has biccups while another (Danny Kaye, center, below) must be force fully detained from hopping the lieutenant who is fidgeting with the girl's li





"most popular cup in my trophy room!"

"Sure-many of my cups are admired, but the most prized cup of all is the one that contains this Custom Ground A&P Coffee!"

You won't realize till you try A&P Coffee what a tremendous difference it makes to have your coffee Custom Ground... to exactly the right fineness for your own coffee-maker. Only in this manner do you get all the magnificent flavor to which you're entitled.

Grinding the fresh, flavorful coffee beans to your order is only the last step in A&P Coffee Service. The quality of this famous coffee is guarded from source to sale. And so is the quality of scores of fine foods that are sold exclusively by A&P. Jane Parker Rolls. Cakes and "Dated" Donuts are other good examples...Marvel "Enriched" Bread still another...or White House Evaporated Milk...and the 33 Ann Page Quality Foods,

Yet instead of being expensive, these fine A&P brands offer you definite savings. That's because they're brought direct to you, with many costly inbetween steps eliminated. You share the savings in lower prices for high quality foods.

Convince yourself of this today—and a perfect product to start with is Custom Ground A&P Coffee—the coffee of magnificent flavor!

CUSTOM GROUND A&P COFFEE BOUGHT BY EVERY 7th FAMILY IN AMERICA

CONSUMER FACTS: Each type of coffee pot brings bebilling water into contact with ground coffee for a different length out of the Caston Ground a different degree of fineness for each type of pot. That's why "any grind for every pod" is wrong. That's why you get more flavor, better flavor with Custom Ground ARP Coffee.



THE COFFEE OF MAGNIFICENT FLAVOR



*Many A&P brands bring you savings up to 25% compared to prices usually saked for other nationally known products of comparable quality, Try Marrel Bread and Jane Parker Cakes, Rolls and Donuts—the 33 Ann Page Foods—A&P Coffees and Teas—White House Evaporated Milk—34 A&P Canned Frutts and Vegetables—Sumyfield Hams and Smoked Meats, Pilgrim Turkeys—and many others.

SOLD EXCLUSIVELY AT A&P

Headlines for Fall

SKI ENTHUSIASTS THRONG RESORTS! From New Hampshire's famous Eastern Slope to Sun Valley's powder snow, America's skiers set new styles even hefore they set new records! The sportsman on the left likes the off-the-face flattery of THE KINGSRIDGE ... its full lines, defily tapered crown, correct Mallory tones, and also its price—Six Dollars! His fellow ski-mate on the right (not the far right) admires THE DURWOOD, with its rich chamois finish and ailored duo-stitch brim—only Seven-and-s-Half Dollars!

with its rich chamois finish and tailored duo-stitch brim—only Seven-and-a-Half Dollars!

MALLORY HATS FROM \$5 TO \$10 AT LEADING MEN'S SHOPS



P.S. "You almost forgot me!" quacked Dapper Duck, the Mallory Mascot. "And I'm here to remind you that only Mallory uses the exclusive moisture-resistant "Cravenette" process." Mallory features "Cravenette" in many Fall models.

MALZORY hats



DANNY KAYE SCORES IN GAGA ROOKIE ANTICS

At 10:30 p. m. on the opening night of Lady In The Dark last winter, a rangy youth stepped down to the footlights and rattled off in song the names of 52 Russian composers in 40 seconds. That night a new top-flight comedian was born. Now in Let's Face It! Danny Kaye, after ten years of obscurity in the borsch circuit and the Far East, is again bringing the house down with his fierce pantomime, his jabberwocky patter and his energetic clowning. Below is his biggest hit number which, in 90 seconds of dooble-talk and gesture, ticks off the life of a selectee from registration to polished soldier.



M'S LETTER



HE READS HIS DRAFT NUMBER IS UP



TEETH, HE TELLS THE MEDIC





DESPITE FLAT FEET, HE RATES 1A









Maneuvers in Louisiana-Photo by U. S. Army Stemal

Speed Graphic Joins the Army!

The resources of photography are being applied to warfare as never before. For example, Speed Graphic Cameras are on active duty with the U. S. Army Signal Corps in recording the performance of our growing field armies in training and on maneuvers . . . with the Air Forces for ground work of all types . . . with the Navy for pictures aboard and ashore . . . and with governmental agencies in the many photographic activities contributing to the national welfare.

With such a large part of our facilities devoted to the resent emergency we are sure our civilian customers will be patient if deliveries are not as prompt as usual.

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Why pay the penalty of rough, sorely-chap lips? Medicated Chap Srick brings quick, so ing relief. Use before exposure to sharp, wi wands—there'll be no painful reminder. "55





self Luden's and help yourself to quick, soothing relief. Special medicinal ingredients and cooling, comforting menthol help ease sore, tender throat membranes.







DIXON LISTENS AS A GERMAN ACCENT CASE, HEINZ ECKERT, SPEAKS INTO A HORN WHICH SEPARATES TONE FROM ARTICULATION, EMPHASIZES MISPRONUNCIATION OF VOWEL

NEW AMERICANS LEARN TO LOSE THEIR ACCENTS IN SPECIAL DICTION COURSE

Valentina Acuña, a Mexican girl, learns to break her foreign pitch are following notes played by Dixon on wooden pipes.

Painfully obvious to many foreign-born citizens of the U. S. today is the fact that their accents are against them. It is no longer considered piquant to say "zeeze" instead of "these," "my cawntree" instead of "my country." The gargled R, the hissing S, the coughing G draw only suspicious glances now that war has

sharpened racial distrusts and nationalism rides again. Competently to the assistance of new Americans thus handicapped have come professionals in the art of pronouncing English, the most formidable array of

tongue-twisting inconsistencies ever devised to con-"Es-s-s," says Dixon, as he shows Mr. Eckert how to place

lips and teeth for correct S. Most Germans transpose S and Z.



found the stranger. An effective accent-axer, Alfred Dixon of New York, is here shown at work. With a streamlined method of his own and a diverting collection of tricky aids to diction, Dixon de-accents doetors and artists, businessmen and white-collar girls from Europe, South America and Asia.

Core of his method is self-study. His pupils make records of their voices and listen to them, shuddering. They howl into horns that enable them to hear their own tonal sounds, make mouths at themselves in the mirror. Most accents are routed in three or four months.

In front of the mirror Dixon and Miss Acuña practice O sound. Like all Latins, she has tendency to make "Ah" sound instead.





By giving you "Enriched Bread," said our government, the bakers would be rendering a real public service. And what is "Enriched ? It is the same fine white bread you Bread have been getting-same taste, color, texture -but with two important parts of Vitamin B-Complex, plus iron, ADDED to it.

Fleischmann was all ready with a new yeast from which "Enriched Bread" could be made

-Fleischmann's Enriched Hi-B; Yeast. Fleischmann had the technical staff of bakery experts to aid the baker where he needed help.

Fleischmann's distribution system was ready to take the new yeast to bakers.

Right today hundreds of bakers are making and selling Enriched Bread, Already over one billion loaves of it have come out of America's bakeshops.

As a consumer you don't need to concern yourself about the technical details of Fleischmann's Enriched Yeast and what it does for you. You are welcome to these details,

but, better yet, you can assure

yourself that you are getting the benefit Fleischmann's Enriched Yeast can give you by eating the Enriched Bread containing it.

America wants its citizens alert, free, strong and calm. Fleischmann and the Baking Industry are happy to find themselves in a position to contribute to America's strength. And such an advance in nutritional knowledge is a permanent thing-a benefit to the nation for all

time to come.



Fleischmann's Enniched Hi-B. Yeast

BUY BAKERS' BREAD All modern bakers' brend is rich

n nourishment, delicious, economical. And the new Enriched Bread, now made by many bakers, pro-vides all the nourishing, wholesome qualities of white bread, plus an extra supply of two important members of the Vitamin B-Complex (including VITAMIN B), and iron.

A SPECIAL PREPARATION FOR SHAVING

FOR THE 1 MAN IN 7 WHO SHAVES DAILY

It Needs No Brush Not Greasy or Sticky

Modern life now demands at least 1 man in 7 shave every day. This daily shaving often causes razor scrape—irritation.

To help men solve this problem, we perfected Glider—a rich, soothing cream. It's like your wife's "vanishing cream"—not greasy or sticky.

SMOOTHS DOWN SKIN

You first wash your face throughly with hot water and soap to remove grit and oily sebum that collects on whiskers every 24 hours. The spread on Glider quickly and easily with your fingers. Never a loss about 1 has and 1 has and 1 has and 1 has and 1 has a loss a loss a loss a loss and 1 has a loss a los a loss a los a loss a los alles a los a

ESPECIALLY FOR THE I MAN IN 7 WHO SHAVES DAILY

For men in responsible positions—doctors, lawyers, businessmen and others who must shave exc y day—Glider is invaluable. It eliminates the dangers frequent slaving may have for the tender face and leaves your skin smoother, cleaner, Glider has been developed by The J. B. Williams Co., who have been making fine shaving preparations for over 100 years.

TRY A TUBE AT OUR EXPENSE

We're so positive that Clider will give you more shaving comfort than anything you've ever used that we'll send you a generous tube ABSOUTELY FIEE. No stamps no cartons—no dimes. Just send your name and address to The J. B. Williams Co., Dept. CG-21, Glastobury, Com., and we'll god in you a tube of Clider. Offer good in U. S. A. und Canado only.

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						n .			

Glastenbury, Conn. Please rush me a free tube of Glider.

Street

City_____State___

English for foreigners (continued)



A Dixon trick for teaching foreigners to pronounce S the American way is to put a match or small piece of wood between their teeth. This increases dentalization.



Tongue must touch edge of paper held in front of the chin if pupil pronounces words like "these, those" properly. Mechanical aids like this make for speedy learning.



lighted candle in front of lips. The candle should go out when they say "worth."



Nov. 10th's new note in neckwear

Bright as your favorite team's prospects in the season's big game...
this Chency Century Foulard. Get it for luck at the Bowl! At your Chency dealer's noze, 81-50, Other Chency ties, 81 up. Chency Brothers. Since 1838.10 East 34th Street, New York, N. Y.

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STYLES FOR ALL OCCASIONS
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DON'T LET FATIGUE play havoc with your looks. Two drops of EYE CENE speedily clears eyes reddened from fatigue, driviug, over-indulgeuce, ctc. Try this specialist's formula, loday, and see how refreshed your eyes feel. EYE CENE is ou sale at drug, department, and ien cent stores.





YOURS... FOR A "HAPPY BLENDING"!

Gus Gobbler sat brooding And spoke of his plight. "I wouldn't mind roasting If they'd stuff me just right,"

"Cheer up!" cried Friend Thelm "Take the frown off your face, Ma Johnson has bought you; As a cook ... she's an ace!"

With rare skill and "fixin's", With no fuss or muss. Ma blended a dressing Quite worthy of Gus. Happy Blending's the secret

Of great whiskey, too-And that is why CALVERT Will captivate you.





RESERVE

Like turkey and trimmings, mince pie and ice cream, Happy Blending makes CALVERT the whiskey supreme. So on Thanksgiving Day, serve this finest of blends-Your palate will thank you, and so will your friends.

Clear Heads Calvert

THE WHISKEY WITH THE "HAPPY BLENDING"

BLENDED WHISKEY Calvert "Reserve": 86.8 Proof-65% Grain Neutral Spirits...Calvert "Special": 86.8 Proof-721/2% Grain Neutral Spirits. Copr. 1941, Calvert Distillers Corp., New York City



... and here's how you can do both in that new house you're building

BELIEVE it or not, it isn't how much insulation you use, or how much it costs that matters.

We know a man who got the shock of his life when a Gold Bond expert advised him to leave out about 20% of the insulation he had planned for his new house. The Gold Bond man knew the added insulation in this instance wasn't worth the extra cost.

Who is this Gold Bond man? Well, he can be a Gold Bond lumber or building material dealer. There are ten thousand of them from coast to coast. There's one in your neighborhood. Or he may be your local Gold Bond salesman. In either case he can recommend the material you really require because he has one hundred and fifty products to choose from.

Concentrated experience

Gold Bond has built a reputation for being first with the new developments in all types of wall and ceiling building materials. For instance, Gold Bond research developed a simple method that does away with the principle cause of plaster cracking. It reduced the weight of gypsum wallboard and lath. It pioneered a novel system of interior wall construction which has saved as much as three hundred thousand dollars on a single housing project. These are just samples of Gold Bond's constant hunt for better ways to build walls and ceilings

of lasting beauty.

TO hold its position of leadership in this field Gold Bond operates twenty-one modern plants, is involved in seven basic industries. It owns vast timber and gypsum reserves. It even makes its own high quality paper for fireproof gypsum lath.

You can expect to build better when you build with Gold Bond. If you want the benefits of Gold Bond research in walls and ceilings, insist on Gold Bond exclusively when you build or remodel. Do this and you get a

better job from products engineered to fit together. Do this and you get the added protection of having just one manufacturer responsible for the final result. See your neighborhood Gold Bond dealer today. Or write National Gypsum Company, Buffalo, New York.



WALLBOARD ... LATH ... LIME ... SHEATHING ... WALL PAINT





Astonished

actually means thunders truck WHEN we trace our modern English word

estonian and Old French estoner, we find its original source in Latin ss, "out," combined with tonare, "to thunder." The first meaning of astonish was "to stun," "to render senseless," as by a thunderbolt or a blow. But the word has lost its physical significance and now suggests great surprise, sudden fear, or wonder.

To tantalize is to torment with the punishment of Tantalus as told in Greek mythology. Disaster literally means "the stars are against you."

Thousands of the words we commonly use he interesting origins like these. To know them is to give beightened color and effectiveness to everything you write and say. You will find these word origins in "The Supreme Authority".--

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Word origins are just one of the famous features of the Marriam-Webster. This great reference book open fat beyond ordenary conceptions of a dictional properties of the properties of the control of the 15-volume encyclopedia. It contains 600,000 en-tree-122,000 more entries than in any other dis-tionary. 17,000 terms illustrated. 3,250 pages. MRSSILAM-Webster. Don't be dupped by secalified "Webster" dictionaries offered at factitions "bar-gain" priese. Dock for the Merriam-Webster name.



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English for foreigners (continued)



Latins have trouble with R, hardest to correct in any accent. Saying word "floor," Miss Acuña's tongue ends up behind upper teeth instead of lying flat as it should.



She says "vellow" instead of "fellow" because she hasn't yet learned to blow out on F ad of pulling lips back. Contrariwise, Miss Acuña says "fillage," not "village."



Long practice in front of the mirror will eventually teach Miss Acuna to relax her uth for O sounds (as in "money") instead of opening wide and saying "mah-ney,"



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PROFESSIONAL APPLICATIONS AT YOUR BARBER



RED GUERRILLAS

TOUGH RUSSIANS FIGHT NAZIS FAR BEHIND THE FRONT LINES

by A. POLYAKOV

June 22: Outbreak of war. Phoned editorial board and was ordered immediately to leave for front. Same evening left to join unit commanded by Major General Galitsky.

June 25: In the last three days we have been moving toward the frontier to meet the oncoming Germans. Our scout units are continuously reconnoitering and skirmishes take place every day.

Jene 25: Today our advance detachments encountered the Nazis. A column of Nazi medium tanks headed by the 19th Panzer Division attacked us. Galitsky threw all his forces into action and engaged the enemy on a 30-kilometer-wide front.

Thirry tanks tried to rush Lieutenant Popov's anti-tank battery. Popov ordered "running fire point-blank." Smoke-grimed, fire-singed and blood-stained, his men fired like demons. Eighteen enemy tanks were stopped and the remainder were forced to withdraw.

June 28: The engagement continued for two days. We destroyed 265 Nazi tanks and killed or wounded 400 tank crews. Finding that they could not smash us head-on, the Nazis developed an encircling movement. Their tanks streamed around us on all sides.

In the first days of the war, A. Polyakov, special war correspondent of "Krasnaya Zvezda," official organ of the Russian Army, found himself in a Red Army unit which was encircled and cut off by the Germans

This unit, commanded by Major General Califiity, was one of the first to engage the enemy on the frantier. When he found himstly intermedial, Califishy divided his man interst spease deschameter and ordered such of them to frog it it way through to the east. Day and night the mon mode their way through to the forest and must het of White Reasins, destroying, German transport trains, attacking Nagi must and bendaywaters, and generally swine paint in the army's tran. When their ammunition, gave out they and captured German materiel.

Two-thirds of General Galitsky's men successfully escaped from the encirclement. Although wounded, Polyakov kept a diary of the whole operation.

Enemy aircraft dropped leaflets on us. "You're surrounded on all sides." On the other side of the leaflets was a sketched map showing our encircle-

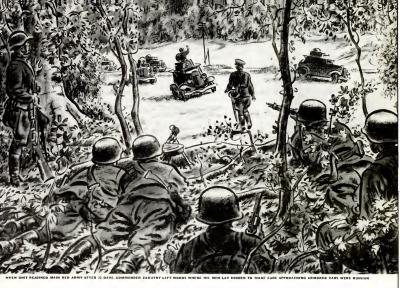
Galitsky had a good look at the map. "Thanks for giving us our bearings," he commented calmly and detailed the commander of a soouting battalion, Major Shchuka, to verify the chart. Late that night Galitsky summoned the entire commanding staff for a conference.

"We now find ourselves in the contry's rear," he stated, "All men should be informed of his straightforwardly and openly. No panic, Set an example by your own conduct, We shall retract toward the front line to rejoin other units. Today we must place ourselves in the position of a unit acting in the enemy's rear. Henceforth we adopt guerrilla methods. We shall light the Nasis as every step, worrying, harassing, giving them no peace."

Point by point Galitsky explained the new regulations for our unit—"Galitsky's laws"—as they were called:

- No one is to use the words "they say"—only "I saw myself."
- "I saw myself."

 2. Idle chatter and panic-mongering to be implacably combated.



3. Equal rations for all. First meals for scouts and wounded Be thrifty with ammunition and fire only on

visible targets at point-blank

5. Death penalty for smoking in the open air at

June 30: Today scouts reported that a pile of German guns, shells, tanks and fuel drums was waiting at a railway station. We decided to capture the stuff right under the Nazis' noses. Company Commander Zinoviev was detailed to establish communications with the station and attend to its unloading.

When enemy aircraft was sighted, one of us had the idea of using the marked tarpaulin from German tanks as camouflage. One tarpaulin was placed on the engine tender, another on the station roof and the third on a group of oil drums. The German scouting plane came lower and, when it saw the familiar markings, dipped its wings and flew off, followed by bombers.

We held the station for five hours during which time tanks and lorries were unloaded, fuel was pumped out of cisterns and lorries laden with war matériel kept vanishing into the forest.

What our men could not take away they destroved. When the Nazis returned to the station they found a pile of smoking debris.

We had some excitement at the command post tonight. Our scouts brought in a thin, elderly man in a dazzling white linen shirt. They had noticed that, while all the peasants sheltered during the air raid, this man in his white shirt had quietly gone on with his work of ploughing potatoes about two-thirds of a mile from our command

Scouts Korneichik and Platchta went up to him after the raid

Why don't you take shelter, old chap. You might get hit.

"It's all the same to me," the old man mut-tered. "They can't aim properly anyway—and potato tilling can't wait.

The scouts had a look around the potato field and suddenly noticed fresh furrows laid not only lengthwise along the potato rows but also cross-wise and diagonally. Some furrows appeared to converge in the direction of the grove where our command post was hidden while others pointed to the direction of our AA batteries.

What are all these furrows?" asked the scouts. 'Oh, that's how we plough in these parts," the old man replied.

The scouts were suspicious and they invited the old man to come with them to the commander. He refused to come and had to be brought by

Well, here he stands-and he has confessed that he has been acting as a Nazi agent for four months. He was a target finder for the bombers. The white shirt was a distinguishing sign and the system of furrows indicated all the important objectives. He is shot.

July 1: Nine large troop-carrying planes are circling over our glade, led by the scout plane which we saw yesterday. They are evidently quite confident because they are flying low at about 1,600 ft. We are prepared for visitors.

"All preparations to wipe out landing party," orders Kashchevev in a quiet tone. Our snipers and anti-aircraft machine gunners get ready. At 1,200 ft., just on the edge of our glade, the

belly of the first Nazi plane slid open and there was a tuft of what looked like smoke. I thought for a moment there had been an explosion in the fuselage. But the smoke was really a gray parachute to which was attached a Nazi parachutejumper in gray overalls. Fifteen men fell out of the first plane and the same number from each of the others-making a total of about 140 men.

The gray shapes swaved in the clear morning sky. We let them come down quite low and then Kashcheyev's command rang out: "Fire!

He sent the first round of submachine gunfire up himself and then the forest echoed with the deafening roar of our machine guns and submachine guns. Bullets literally tore the parachutes to shreds. Like a burst bubble they collapsed into a bundle of wrinkled material which trailed sluggishly behind the falling body of the parachutist.

I watched the first men reach the ground. Their limbs sagged when they hit the earth-corpses, Others, however, reached the ground alive. Immediately they threw themselves flat and opened up a rapid fire from their submachine guns. I could see their officers trying to organise a defense ring against our many-sided attack.

The Nazis tried to rally and attack but, when they came up against Losya's and Leonov's armored cars and artillery, they threw away their arms and scattered in all directions, uttering savage cries

Eighty Nazis are lying dead in the forest glade. The rest have fled through the woods and our men



The March of Time

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Rebroadcast on Pacific Coast 8 p.m. P.S.T.

Over 111 Stations of the N.B.C. Blue Network



RED GUERRILLAS (continued)

are hunting them out. The enemy's attempt to cut off our retreat by a blow in the back has been defeated.

Two of our signalers, Linko and Lukach, have just told me the story of their private little engagement while the landing party was being destroyed.

It appears that they were busy laying a telephone line to one of the subunits on our flank when suddenly a German motorcyclist was heard on the road. They dodged into a ditch, leaving the line strung across the road.

The Nazi raider stopped, cursing loudly, but evidently thought the line was being laid by his own men. He pushed his bike under and then, still muttering, stuck some sheets of notepaper on the wire.

"Do you see," said Linko, as he and Lukach crept out of the dirch, "the German is dissatisfied with our work. He's left a note about it."

"He'll be better pleased when he comes hack," said Lukach dryly. The two men teheared preparations everal times and then waited. Soon the German motorcyclist was heard coming back at full speed. The wire was lying in the road, hidden from sight. At Lukach's signal it was drawn up, catching her tider full in the throat. Both the man, with his dispatches, and his machine were brought to our headquarters.

July 3: No one is having any sleep at staff headquarters tonight. A plan is being drawn up for action against the Nazis tomorrow. We must make a break somehow and try and force our way through the encirclement.

It is midnight and very dark. Two dim figures have just come upon the commander 's field desk. On peering closely I recognize Cosmissar Korpyak and Grandya Kuprian, a peasant who attached himself to our unit yesterday. He is a grand old chap who chummed up with our Commissar right from the start. They appear to have great mutual esteem and trust in each other.

Just now they are both soaked to the skin. "Where did you get so wet?" asked Galitsky.

"We had to keep watch on a certain place from a pond," said the old peasant, as if it were the most natural thing to do.

The two men reported that the Nazi unit which yesterday razed

CONTINUED ON PAGE 12



Disguised in German uniform and signaling with flashlight, Red soldier directs Nazi tank column down wrong road while his comrades (hackground) cross road to safety.







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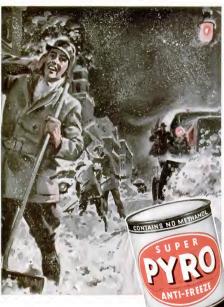
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RED GUERRILLAS (continued)

a certain village to the ground had now looted the wine stores of a neighboring village and were all drunk. Most of them were sleeping like logs.

"Very opportune!" said Galitsky, dryly. "In that case we'll set out right now instead of at dawn. To arms!"

The order went through the camp. Men jumped up, shouldering their rifles and adjusting their gas-mask cases. Fifteen minutes later we were on the way under cover of darkness.

We did a forced march of about five miles. On the way out subunit commanders maintained a constant flow of information about the enemy. Our scouts confirmed that three bartalions of a motorcycle rifle regiment were encamped in two villages along the highway and were restine after vesterday's "feats."

Open fields prevented us from approaching the villages unawares. In any case Nazi lorries were continually moving along the road in the vicinity. One of our subunits therefore deployed on the fringe of a forest and placed its artillery in position. Galitsky and an operative group drove ahead in an armored car.

Our first shells caught the Nazis completely by surprise. They rushed into the streets half undressed and many of them went into action barefooted, stupefied and half asleep. Their lorry drivers considered discretion the better part of valor and drove off at a furious speed, leaving the infantry to look after themselves.

Our men then attacked. I saw Grandpa Kuprian in the thick of the fight, using a hefty peasant cudgel. Some of our men told me after wards that they had seen the old man chasing a Nazi soldier who was trying to run away wearing only one boot. Grandpa caught up with im and slammed his cudgel down on his head with a terrific whack.

The Nazis were completely routed. They fled from their camp, leaving us a train of supplies and losing about 150 men. Our casualties were about 30 men.

At dawn we were in complete control. Our men looked happy and excited at having avenged the destruction of the village on the day before. We gave it to them good and strong!

July 8, 3 p. m.: Galitsky has summoned all our commanders and is exposing to them a complete plan for the break-through.

It is a dark, cloudy night. Our unit leaves its defense position and

It is a dark, cloudy night. Our unit leaves its defense position and moves off noiselessly, as if on tiptoe, through a dense wood.

Our detachments move along in three columns. I am in the center

of the detachment commanded by Galistky himself. I've been put on horseback, and often the horse sinks up to its belly in a bog. I can only trust to its instinct. It is pitch dark with a visibility of about ten paces. Our scouts try and hasten us along. "Hurry while everything is quiet," they urge. We are now, 1,600 ft. from the road along the sides of which are

We are now 1,600 ft. from the road along the sides of which are posted German infantry and artillery cordons. Tanks are partolling the road, along which moves a continuous stream of vehicles carrying infantry and supplies. Beyond the road is the railway line. We must cross both in a swift lunge.

1 E. M.: The detachment on our left, Lieutenant Colonel Ukrainsky, Jaunches the first blow at the Nazis on the road, and our right detachment immediately follows suit. Galitsky's detachment then goes into action, flinging grenades at the Nazis and opening a terrific fire with automatic rifles and machine guns.

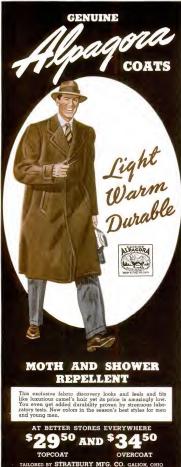
At all three points the Germans are caught unawares. Their sertries did not spot our approach. Secure in their numerical superiority, however, they resist desperately. But Germans are not much good at fighting in the dark. Their shellfire from the road does not do us much harm. Under our murderous fire their infantry begins to roll

back right and left along the road. With a load "Hurash" our men rush for the road. It is a blazing inferno. Our grenades set fire to German fuel lorries. Bullets and shells crash in all directions. The Nazi ranks, which began by fring haphazardly into the woods, become frightened of the blaze and try to dash off along the road. They are blocked by the blazing whiches. I see the leading tank carch fire. The crew jump out and our men finish them off with their fifte butts.

Flames light up the whole road. Shell and mine splinters whine through the air. The ring of Nazis begins to crack and totter. Now we have breached it and left it behind. We press on and lose ourselves in the thick darkness.

July 8: We covered twelve miles during the night. When morning came we concealed ourselves in some woods to sleep. At night we

AS IN REPUTATION · \$1451 QUALITY GRAND-DAD œ 30 Tell you why! KEHTUCKY STRAIGHT BOURBON WHISKEY tional Distillers Products Corporation, New York



RED GUERRILLAS (continued)

resumed our march. At one point we had to decide whether to go three miles through swampy marshland or take a short cut which would lead us across a road used by the Germans. We decided to risk the road.

Crouching in some bushes about 500 ft. from the road, we watched a detachment of Nazi motorcyclists speed by—evidently the head of a motor and mechanized unit. One of the motorcyclists stopped and began walking up and down the road, looking at a map.

"The road branches off here," our scout Sidorenko whispered to me. "One branch runs parallel to the front line and the other bears left, gradually veering around to the German rear."

"What is the motorcyclist doing?" I asked.
"He's evidently been detailed to direct the traffic in the dark.
Just watch."

Sure enough, we heard the approaching rumble of a hig column of tranks. The traffic controller flashed his torch in a certain signal. The column of tanks came on, branching off as directed. When a tank seemed to hestrate the signalman blew a whistle and week his torch furiously. The German were evidently regrouping their tanks for an atrack on some innovrant sector of the front.

"That's not a bad little traffic-control post," remarked Sidorenko meditatively. He crept up to Lieutenant Minailov and whispered something to him.

Presently there was a lull in the traffic and the controller again began walking up and down, now and then flashing his torch onto his map. Occasionally we could hear him whistling a ditty of some than

Sidorenko crept forward with the uncanny caution of a trained scout. The darkness swallowed him up. Then we heard a short scuffle and again silence. Two minutes later the traffic controller was again at his post, swinging his torch and whistling.

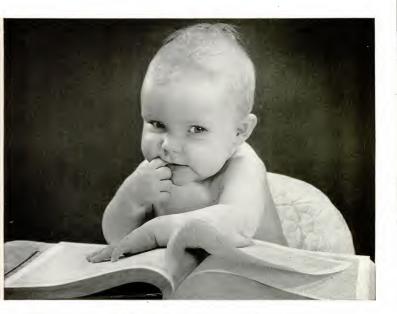
The sound of approaching tanks was again heard. Judging by the sound, this must be the main detachment of armored vehicles, followed by fuel lorries and infantry transports.

Sidorenko, wearing the uniform of a German motorcyclist, signaled the column to halt. We understood his hint and slipped quickly across the road, hiding on the other side. Then our scout blew his whistle and signaled "move ahead—to the left." The column obediently moved forward through the darkness.

For over an hour the stream of tanks and vehicles passed along at least 200 of them—down the road which would eventually lead them back to their own rear. Sidorenko stood there as cool as a



Stalin's scorched-earth orders were heard by soldiers when Lusya, a 13-year-old girl, brought them a radio which she had concealed from Nazis by hiding it under laundry.



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in a surprise altack on a German-held highway, Reds smash through a startled German convoy. Flaming trucks and tanks scatter and overturn on both sides of the road.

RED GUERRILLAS (continued)

cucumber, blowing his whistle and waving his torch quite professionally

The Nazis will eventually discover their mistake and be obliged to turn back. The confusion this will cause, the fuel it will waste, and the time it will lose-we are quite happy to think about it. For several hours at least Sidorenko has kept a large Nazi tank column from some important operation at the front.

July 13: We enjoyed another enforced rest today. We cannot proceed in the daytime and can only move and harass the Nazis at night. So during the day we light smokeless fires with dry wood inside deep holes and cook some food. Our "commissariat" doles out a chunk of raw meat all around and each man proceeds to cook it himself. "I'll show you how to make a real Georgian shashlik," said one

of our scouts, Kikvidze. He cut up bits of meat and threaded them on to a pointed walnut branch which he trimmed with his bayonet. I picked up my piece of meat from the embers with my bayonet and tried eating it with a garnish of fresh birchwood leaves. It was quite tasty.

"Grill à la guerrilla!" said Kikvidze, and we all laughed.

July 14: I feel definitely better today, and managed to cover two kilometers on foot. We halted in a glade covered with flowers. It was a lovely sunny morning. Bees were buzzing among the flowers, but there was no one to gather their honey as the villages all around us had been burned down by the Nazis. We continually meet shelterless people roaming about in the woods.

We have now been 20 days in action in the Nazi rear, exterminating their men, exploding and burning their stores and transports. We, too, are daily suffering losses. Our strength is overtaxed, and some of the less enduring of us are growing physically exhausted. But everyone's will is firm and unweakened. We all have faith in our people and our victory.

We've been cut off from the outside world all this time. We have no radio, and do not know what is happening at home, where the front line runs, or how the war is proceeding. Perhaps we are even considered as lost

We are simply pining to hear just two words through the air "Moscow calling!" Our scouts are doing their best to find a radio set somewhere. In one village the Nazis shot the whole family of the schoolteacher because a wireless capable of receiving Moscow broadcasts was found in their home.

We are camped in a dense wood. Our scouts, Lidov and Parma, have just returned and reported that a German garrison is bivouacked in a village two miles away, and that the Germans are patrolling all around. "Anything else?" asked our commander.

"Nothing much," said Lidov, "except that a little girl is washing linen in the river.

Bring her here immediately-we'll learn all about the garrison from her.

The scouts soon got back to the spot. They had to wade through the stream. The little girl heard them and immediately began hastily hanging linen along the entire clothesline strung between two trees.

"She's a spy," whispered Lidov to his mate. "Probably giving a signal."

"What are you doing here?" growled Parma sternly, as he climbed out of the water.

The girl recognized them, and said perkily:

"Comrades, Red Army men—I've got a radio set here."
"Radio set!" cried Parma, as if he'd been pricked with a pin.
"Where?"

"Right here," said the little girl. "Only take the linen off the aerial or you won't hear anything."

Lidov removed sundry garments from the wire. Near the linen

Lidov removed sundry garments from the wire. Near the linen basket, under a pile of twigs, was hidden a small radio set. "What a clever girl," said Parma, surprised.

Her name was Lusya, 13 years old, and the daughter of a field surgeon. When the Germans came, her father told her to conceal the radio near the stream. Every day she comes to do her washing, hangs the aerial out as a clothesline, and in the evening tells all the news to the old people and children remaining in the village.

Bringing with them Lusya and the radio set, our scouts joyfully returned to camp. The little girl with the flaxen plaits was immediately surrounded by the commanders and scouts and showered with questions. Everyone wanted to help her to tune in.

"It's a very capricious set," said Lusya importantly. "I'll tune in myself." She sat on the grass and donned the earphones. The set whistled and wheezed.

Neither the set nor its little owner was visible any longer. The whole glade was thronged with Red Army men, some squatting, others leaning against trees. At last the smiliar words:

"Moscow calling! I shall now repeat the last announcement..."
Then the set suddenly went silent. "Quick-tune in," we cried,
but the voice had vanished and was replaced by a song and then more
wheezing and snorting. We writed for half an how... two hours
... until nightfall, gazing at the little square box with fond hope.
"You won't hear anything more today," said Lusya finally.

"You won't hear anything more today," said Lusya finally.

July 15: In the morning everyone again gathered around the radio
to watch Lusya twiddle the knobs. Suddenly the silence of the forest

was broken by a clear voice.

"Moscow calling!—You will now hear Yemelyan Yaroslavsky's article on Countrywide Guerrilla Warfare in the Enemy Rear."

We listened to every word coming from the aged and torn cardboard loudspeaker.

The voice went on: "In his radio speech on July 3, Stalin called

on the Soviet people to give all their strength in crushing the foe."

So Stalin had spoken to the people and we hadn't heard about it.

... diversionist groups be organized ... blow up bridges, roads,

woods. On the faces of our weary and emaciated men I can see a new light—an inner composure and a readiness for any eventuality—as men who are taking a solemn oath. When the announcer had finished we felt like crying out to him: "We are here in the forest, combade. Tell Moscow—tell our people that we are ready to fight to the last drop of blood to annihilate the Nazis. . . ."

July 18: Today, a tall old man, with a stern, concentrated look behind his pince-nez and carrying an umbrella, was brought to our command post. He was dressed as a post and telegraph worker, but had no identification documents. He was asked who he was.

"I am telegraph technician from the town," he replied.

"How did you get here?"

"I came to tell you that the Germans are not in the town itself but in barracks on the outskirts. It's a punitive expedition. They're afraid to go any further. They've been hanging around for the third day now, spending their time looking into shops and flats. They've been shooting people on the public square—they shot our telephone girl. They're looking for you Red Army men.

Can we believe the old man? Who is he—and is he sent by the Nazis?

Lieuenant Korobov's scout group has just returned from reconnotizing the town, which is four and a half miles away, and they confirm the old man's story. The Germans are stationed in harracks on the edge of the town. Sergeant Major Selin, from this scout group, knows the town well, and when brought together with the telegraph technician they found mutual acquaintances in the town. All our suspicions vanished.

Our commander made his decision: "They're looking for us-

Our commander made his decision: They ie looking for us-

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CONTINUED ON NEXT PAGE

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70% GRAIN NEUTRAL SPIRITS ... 90 PROOF

RED GUERRILLAS (continued)

then we shall find them. The punitive expedition will itself be punished. Just wait until night falls."

At dusk we left our forest camp, Lieutenant Yakovlev's company, einforced by two guns, brought up our rear. They selected a firing position in the thick grove on a hill. Their range was set on the most important targets first—the most important of all being four large three-storied barracks packed with Germans.

All was ready for the attack. "Fire!" The first shells scored a direct hit on the lower windows of one barrack building. The explosions could be heard quite clearly. The walls tottered, and then something burst inside the building. Our fire was then transferred to the other buildings in the German came.

to the other buildings in the German camp.

Panic broke our in the camp. Shouting Nazi soldiers jumped from
the windows of the upper floors, rushing hither and thither and clearly discernible in the light of the flaming barracks and storehouses.

Our attack took them so much by surprise that they abandoned their supply train: lorries, shells, tanks, fuel, guns and rifles.

Our men ran with rosches from one vehicle to another, setting the

Our men ran with torches from one vehicle to another, setting the supplies alight. Our gunners removed the locks of the Nazi artillery guns. The whole business had to be finished within an hour. We burned, smashed, hacked everything handy. The roar of explosions and crackling flames was heard on all sides.

Some of our men dashed into the center of the town to smash the main nerves of the telegraph and power stations. Accompanied by the old telegraph technician, Selin took a group to the telegraph office. "Quick-where's the telegraph office?" Selin asked.

"There—the third window on the right!"

Selin's men flung their grenades straight through the window and

Selin's men flung their grenades straight through the windo the telegraph office went up into the air. Suddenly the old man cried out:—

Thar's him "

A man was running along the street, dressed in a loose-hanging suit and carrying a Mauser revolver in his hand.

"That's him—the officer who shot the people in the square."

There was the dry crack of a pistol and the runner fell. Our men

rushed to him, unbuttoned his jacket and found he was wearing a German officer's uniform underneath.

July 17: Today we had a bath at last. What a long-anticipated day! We had not bathed or changed our linen for a month, and we needed cleanliness as urgently as we needed bread or ammunition. As usual, we camped in a dense wood away from the enemy and

As usual, we camped in a dense wood away from the enemy and near a river. Scout Kolychev found a convenient spot for bathing, with a few rafts moored to the bank which could be used for undressing.

Before we went in, Assistant Commander Chekharin drew up rules and regulations for bathing—like a real plan of military action. We are to bathe in rotation: one platoon washes while the other stands guard.

Novikov's unit took the first rurn standing guard. His platson disposed themselves in defense positions. The others, before undressing, stationed machine guns on the banks and determined the firing sectors in the event of a Nazi attack. Machine guns and rifles were loaded and tready to fire.

The clean linen which we had carefully carried for a month was fondly removed from our kithags and spread our. Our men dived into the water as if leaping into the attack. A headlong dive and a splash! Others hesitatingly climbed down from the rafes, dipping in first one foot and then the other.

Within a few seconds everyone was splashing in the water. We scraped and scrubbed off months of dirt, and in some cases caked blood. A huge chunk of soap was passed around and we used rufts of grass for sponges. Ineffable bliss! These cough Red Army men splashed about like mischievous urchins.

I did my washing seated on the bank without unbandaging my leg. My comrades handed me up water in jugs. I was just as delighted with my bath as those who were neck-deep in the river.

The "bath-house" had been functioning for about two hours, and most of the men had finished bathing, when suddenly automatic rifles began to rattle further down the bank.
"To arms!"

Everyone leaped out of the river and rushed to their rifles and machine guns just as they were. Surk naked they lay on the grass gripping their triggers and firing on the German. We sent out a large scouting force, followed by a unit already washed and dressed. — Weedd not contemplate, entering into a major engagement by advancing against the enemy. What a pity—we have to leave the river. After waiting for this a whole month!

There were still a hundred men to bathe. Chekharin ordered:

"Everyone not yet washed—go ahead and bathe. The remainder stand on guard." The bath-house then continued to function while the enemy's guns rattled not far away and our own guns answered them back

July 18: The only ones who didn't bathe yesterday were Kolychev and his scouts. They were out "hunting" all day, At 6 p. m. Scout

Soroka brought Kolychev's report. It read:

"Station L. Troop train arriving here tonight to disembark According information railwaymen embarkation is at town O. Maybe this is punitive detachment which fired on us yesterday. Railwaymen know about Galitsky, Levashev and us, and they are read to help covertly. The German Kommandout here is real fine. Await or-ders."—Kolychev.

Soroka supplemented the report with other details. "The Kommandant is a mad dog. I saw him myself shooting people and man-

handling our railwaymen.

Our camp breaks up and we proceed toward the railway about three and a half miles away. Soroka guides the detachment, not toward the station, but about one and a half miles away toward the German rear, from which the troop train is expected.

We intend to dynamite the train or derail it down the bank. Meanwhile, Levashev's raiding party will wait near the station and

attack it as soon as we start things humming.

We are not experienced in railway saborage, as this is our first actempt. Our detachment moves along through the woods while a few groups of men remain near the track, headed by a skilled grenade-thrower, Maiorov. At this spot the track runs through a curting and our men conceal themselves about zo fir, above the track, whence they can look down on the train. They busy themselves trying bunches of three and four grenades together.

The clatter of metal on metal is heard in the distance. "That's a pilot car," Maiorov surmised, having himself been a railway lines-

man. "The train will follow shortly.

We decided to let the pilot car pass—two of them—both armorclad. Behind them, full steam ahead, came the troop train, bound for the front, rapidly approaching our ambush. Meanwhile the pilot cars had arrived at the station and fired a green rocket — "Road Clear!"

As the train came abreast, ten bunched grenades flew at the engine and there was a sertific explosion. Our men were splashed with hot water and engulfed in steam. "Hit the boilet!" cried Maiorov gleefully. His words were drowned by the thunderous grinding and churning of the coaches clashing into each other. The hissing of escaping steam, the stream of trapped men and the roaring tear of metal were deafening.
"Come on—beat it!" Maiorow commandel, and our men vanished.

"Come on—beat it!" Maiorov commanded, and our men vanishe into the gloom.

July 19: As yet we do not know whether our messenger girls have crossed the front and advised headquarters of the signals we will give in the event of our breaking through to our own lines.

The girls left three days ago, on July 16. Either they will render our detachment a great service or they will perish while crossing the front lines. Before leaving they underwent several hours of instruction, memorizing the signal-rocket system.

All through our difficult days these girls helped the detachment in hundreds of ways—cooking, darning, patching uniforms, looking



"GriH à la gustrilla," said one of the scouts as he roasted bits of raw meat speared on a stick over smokeless fire. This roast, which is known as shashlik, is Georgian favorite.

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RED GUERRILLAS (continued)

after the wounded. They were real front-line companions to us. They were the first to volunteer to cross the front lines and get in touch with the Red Army units. On that day they changed into peasant dresses and said goodby to us. Of course, some tears were shed, and they were not all in the girls' eyes either. They were

making a great sacrifice for our sake—risking death.

We watched them go off through the forest, straining our eyes to catch a last glimpse of their neat white Belo-Russian dresses. Would they get through?

July 22-midnight: After a brief rest Zakutny said: "We shall probably cross the front line tomorrow night.

If our girls got through then our signals have already been received. All is quiet on the front. No gunfire and no sound of rifles. We calculate that the front line must be about twelve miles away.

We set out in a column, our object being to reach the nearest point to the front before dawn. We then intend to hide in the woods during the day and make our final push when darkness falls. This will have to be done very carefully to prevent being hit by our own fire. What if our girls have not delivered our message? It would be too

bad if after so many days of fighting against the Germans we were to perish by our own bullets and shells

Kolychev's scouts have returned with the news that ahead of us is a road containing troops.

Soldiers entrenched on the right. On the left is a wire and trenches with Germans in them. 'What the dickens-" exclaims our commander in amazement.

"Why a wire here?" Now we are stuck. We can go no further. The enemy is on three

sides and a swamp is on the fourth. On our left is either one of the rearmost German defense lines or a reserve line

We can't remain here a minute," orders Zakutny. "We must break through the trenches somehow or other and reach the woods over there

In small groups we approached the German trenches. The night was dark. Silently our scouts bayoneted the patrols who in the dim light thought our men were German re-inforcements coming up from the rear.

It was difficult to believe that we were actually passing through trenches filled with sleeping Nazis. Stealthily, taking every precaution, we crawled through-although some of our men were itching to use their bayonets as they went by

We had got safely through when the advance posts and camou flaged German patrols raised the alarm. Shots rang out and a machine gun spat at us-but it was too late. We were already beyond the wire and safely in the dense woods. Only an occasional stray bullet whistled overhead.

The night watchman from the village paid us a visit. He came limping up and said that someone had been on the phone all slav asking for some chief or other.



The first bath the Red Army group enjoyed in a month was in a river behind German lines. One platoon bathed while the other platoon stood guard with machine guns



Right down their alley ... a glass of mellow beer or ale!

Ham and eggs . . . Hot dogs and mustard . . . Thanksgiving and mince pie . . . Bowling and beer.

Those are pairs which destiny seems to bracket together. In the case of beer and bowling, it is hard to imagine the sport of rumbling balls and crashing pins without the accompanying pleasure of long, chilled glasses of mellow, amber beer.

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RED GUERRILLAS (continued)

"Did he speak in Russian?" asked Zakutny.

"Uh, huh-in Russian, Of course, before that the Germans also spoke on the phone."

Strongly guarded, some of us accompanied Zakutny to the village. I wonder who will fool whom?" Zakutny joked. "Perhaps somebody is trying to pull our leg.

We reached the telephone and the following conversation then took place. Zakutny began:

What chief do you want? Do you want the chief of the village Soviet? "No; we want the military chief. Have you got any military men

'Oh, more or less''-Zakutny, cautiously, "What sort would you

like-German or Russian?

There was a pause and the voice continued angrily: 'Stop your nonsense-who are you, German or Russian?"

"Now, isn't that funny," said Zakutny, "I was just going to ask you the same question. The remarks from the other end now became quite unprintable.

When the voice regained control it said: 'If you don't tell me who you are I shall order your arrest."

'Oh, go on," said Zakutny amiably. "We shall see who arrests whom Voice: "What's your name-maybe we shall straighten things

out that way Zakutny: "No objections to that-my name is Zakutny."

Voice: 'Jumping Jehoshaphat-Zakutny! Why, hello, old chap, how are you? How the hell did you get here-this is Sudakov speaking. Zakutny knitted his brow trying to remember. "Sudakov I

can't exactly. . "Why you confounded son-of-a-gun! Don't you remember we

studied topography at the military academy together." Zakutny was dumbfounded. "Sudakov. . . . The rest of the conversation consisted mostly of exclamations and references to all

sorts of obscure things of the past. One thing was clear. Sudakov was phoning from the fighting lines and his units were stationed only a few miles away. He promised to send an armored car company shortly to pick up our whole detach-

What luck! Despite the nearness of the front line this telephone line remained unbroken. Zakutny is in indescribable raptures. After 30 days of encirclement by the enemy we can hardly believe that we are almost home again.

Doubts begin to assail Zakutny. "What if it was all a trick. They may have forced Sudakov to phone. A company of armored cars will turn up all right-but they'll have white skull and crossbones painted on them. That telephone conversation was very incautious of me."

We returned to the grove and Zakutny stationed our detachment in a semicircle at the edge, facing the spot where the armored cars were to meet us. Our men prepared bunches of grenades. 'Be careful-" Zakutny ordered. "They may really be our own

We waited tensely.

A dust cloud appeared on the road coming from the west. The armored cars approached and immediately deployed as for action, their guns trained straight at us. For a moment we expected a terrific salvo-but the next minute the head of a Soviet tank commander appeared out of the leading car and called out "Red Army men-anyone there. Let your commander come out."

Zakutny stepped forward from the trees. Frankly speaking, he was taking a risk. We saw him approach the first vehicle and greet the commander. Then, in order to convince himself fully, he peered into the open hatches and saw the Red Army men in their armored corps uniforms. That was enough. . .

"Come out, comrades!" he called, and a swarm of haggard men leaped out of the bushes and trees and rushed to the vehicles.

Our men clung to the cars like flies. Words fail me to describe this extraordinary meeting. Men embraced each other, danced, sang and patted the armored cars and their machine guns as if they were something alive. I was unable to restrain myself and embraced a big hefty tank man to his great embarrassment.

The happy reunion was interrupted by Zakutny's command: "Forward march." Our scouts had reported the approach of an enemy unit.

Under the protection of the armored cars we made a forced march to our own lines, and in a short time were at last back with the Red Army units. What a pity we could not give vent to our joy with a tremendous cheer which would ring over the whole front-over the whole world.









Life Goes to a Football Pop Rally

Northwestern gives its Wildcats fiery send-off

Big Northwestern University in Evanston, Ill. loves football and loves by its football team, which it calls the "wistleats." It is the find do fove which makes possible the striking pictures of a firelight football rally shown on these pages. Last year the Wildeats, Big Ten champions in 1899, lost only two games; one to Michigan, the other to Minnesota.

This fall fortune seemed to smile again. The Wildeats beat Kanaas Skitas Bean and following Satisaty, Oct. II, act all. Wisecom Bulge-ers For this big event, thousands of Wisecomia reoters, full of the carminal spirit, unbused happly into Evanston. It was the enthusiatist cost of football crowd more common nowadays on Western and Midwestern compuses than among effect by League collegians. The cheerineders are more supple, the clustering looder, the hand formations more incredible, and, usually, the football better, and when, after an exciting, seems game, the Wildeats had carried off a thumping 14-to-14 triumph, happy Northwestern had noisy open house few rate pappy until Sunday, Fracteriities and sororities entertained Greek-letter kinsmen from Wisconsin at dimers and dances and at the evended "Wildeat Capers" in the gyan.

Metr the victory over Wisconin, Northwestern's 0,900 students spent the week wondering whether this year they could avenge last year's defeat by Michigan. Fearing overconfidence, undergraduate leaders called a Friday night mily. Thousands of students, co-eds in audide shoes, freshmen in green caps, gathered around a lunge bonfire where they were exhorted by cheerleaders, screanded by the band. They had a snake dance and sang 6.0 U Northwestern.

But if the demon of overconfidence was appeased, the demon of chance in not. Next day, with score tied at 7.7 in the fourth period, a Michigan hack, Tommy Kuzma, suddenly fired a 20-yd, pass to Joe Rogers, Michigan end, who caught it and rared 26 yd. for the dramatic winning touerholw. Gloom, but not defeatism, closed Northwestern's week.



This May Be the Coldest Winter in History



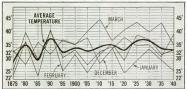
You may safely disregard that time-worn statement "we don't have the Winters we used to have." Weather Bureau records prove it just isn't so. The only sensible thing for a motorist to du is to prepare for the worst.

Motors today need the hest possible protection, particularly in Winter. Oil has a harder job to do, all along the line. To

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ENTHUSIASTIC CONGA CHAIN AT WILLARD HALL, NORTHWESTERN DORMITORY

Best jitterhug artists on floor at Wikleat Capers were "Irv" Deutsch and "Margee Dahlstrom, The Capers is a big annual dance after Northwestern-Wisconsin game





OR PRESENTAN CIRES, INCLUDED SEVENAL CHEERLEADERS FROM MISCONSIN

I is better with your shoes off and it allows jitterbugs greater freedom. The capers roke up at 1 n. m., leaving one hour before the girls had to be back at their houses.







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PICTURES TO THE EDITORS

RICHES IN ROMANCE

Dick Krier, Phi Delta Theta fraternity edge, thought members of Alpha Chi Omega sorority were so nice he told his roommates he'd like to take all the girls on a Coke date. They offered him 50s if be'd ask, another 50s if more than 15 accepted, a dollar for each acceptance over 30, plus payment for the Cokes. This picture shows a part of the 33 girls who answered the call. Tho girls invited Dick to Sunday dinner.

BILL SUNDERN University of Idaho



MAMMOTH MUSHROOMS

This is a wheelbarrow-load of mushrooms I gathered last summer near the "richest hill on earth" at Butte, Mont. The largest mushroom in this load weighed 1334 lb., but eight years ago found a 2334 pounder. They take three or four weeks to mature, depending upon

AUBREY C STEVENS



DATE WITH FATE

This tomb marker shows that Julia Nathalle Forsythe was born, married and buried on the same day of the week, the same date of the month and the same month of the year. Her grave is in a cometery at Brevard, N. C. I am not certain, but perhaps this is the only case of its kind.

Brevard, N. C.





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THEY GROW WASHCLOTHS

The four pictures below show the Cucurbita luffa, known as the rag, washeloth, disheloth or sponge gourd, during its evolution from its natural state to its use as a washeloth hy my nicee, Elissa Enslen, 5. The outer covering is preded off easily and the liner fibrous core, extremely pliable when wet, is ready for use after the seeds are shaken from it. Almost as soft as a sponge, it doesn't absorb water.

FRANKLIN COLLIER ry, Ala.









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PICTURES TO THE EDITORS

FRIENOLY FOREBEARANCE

Pepper, the dog shown in the picture below was introduced to a couple of white rats during a school vacation. Her interest went as far as washing the rats with her tongue, allowing them to eat her food, watching their every move for

hours at a time and playing hide-andseek behind cushions, Finally, the rats became bold enough to climb over Pepper and would playfully even nip her nose, as pictured without the results they might reasonably have expected.

FRANKLIN E. FANTZ



BEER ON A BUST

Since beer costs 15/ a can at the post and 25s in Fairbanks, some men at Ladd Field have decided to make their own. This made beer shows the results. It was taken with a Brownie Special on Verichro

CHARLES R. LACKMAND



responsible for safe bandling of same either in its office or in to on approval and publication. Address all correspondence als TIONS EDITOR. LIFE Mannana. TIME & LIFE Building

Personals "RAKER CHOCOLATE GIRL"

FOR EXTRA SPICE OF frosty, holiday m

serve cocoa with a Mexican touch, Just make your cocoa, as usual, by the ideal recipe on your BAKER'S COCOA can-then sprinkle in a dash of cinnemon!

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A Onality Product

BAKEN'S CHOCOLATE BAKER'S CHOCOLATE O

HOLIDAY CHOCOLATE FRUIT PUDDING

The first day, short the Fruit Mixtor Chop I cup each candred chertes, can deed prosepple, seedless rasens, can cup candred orange peel. Add 21, table appoint run and appoint run appoi anured drange peet, rand 412 came. 25 rum extract, cover, and let stand

24 hours, suring occasionally. The next day, mix the Pudding: 34 cup light brown sugar, firmly packed 1 egg, well beaten 3 squares Baker's Un-sweetened Chocolate, melted

cops sifted flout
reaspoons Calumet
Baking Powders
Reaspoon sods
reaspoon sods
reaspoon salt
cop butter or other
shortening
Fruit Mixture

measure, add baking powder, soda. suit Bour once measure, add baking powder, soda, and salt, and sift together three times. Grean hutter, add sugar gradually, and crean together well, Aud.

Another Famous Baker's Chocolate Recipe egg and chocolare, beating until smooth. Aid flour,

(379° E) 201 hours, or until done, Serre her, Forw with delifered Pan Formy Seed. Early y cup-formly protect. See most ready of sugar, or see the barries to most ready of sugar, or see the barries to most light years of the seed early the seed of the seed of the seed of the control of the seed of the seed of the seed earlies used. The seed of the seed of the seed the seed of the seed of the seed of the seed to the seed of the seed of the seed of the seed to the seed of the seed of the seed of the seed of the to the seed of the to the seed of the seed RESPOND VARIBLE, and I teaspoon rum extact.

(All recessorements are level

of function busing bounder is such, adjust the prepersons at recommended by the reconstituter.

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HI, FOLKS, LISTEN!



dedicated to every wom-NBC Red Netwo Every Wack, Monday thru Friday

"THE SECOND MRS. BURTON" the story of a second wife Pacific Coast Columbia Stations Every Week, Monday thru Friday

Consult year local newspaper for the time and stations on which you can hear three learn-raming # ALTER B.S.E.R. Roufor Seriols.



N. C. "But that's the kind of leaf Luckies want, and Luckies pay the price to get it!"

· Smokers . . . in any cigarette, it's the tobacco that counts. The better the tobacco, the better the smoke! housemen, they see the kind of leaf Luckies buy, and the prices paid . . . and to these men, Lucky Strike means fine tobacco! Isn't that what you want in your cigarette-fine tobaccos?

WITH MEN WHO KNOW TOBACCO BEST_IT'S LUCKIES 2 TO 1