AMERICAN RIFLEMEN IN TUNISIA

Among the palms and sand dunes of Tunisia, an American soldier draws a bead on his target with his Garand rifle.

WHAT SCIENCE IS DOING

ELECTRIC "THREAD"

Stitching metal? Why not? Airplanes and railroad cars and all sorts of things are being made that way out of stainless steel — even masts for ships.

Sewing is done with an electric thread, but no needle pierces the metal. Instead, two pencil-like electrodes clamp the steel sheets between them. Suddenly a young lightning bolt is shot across them —clean through the metal. It all happens in a very small part of a second.

In that flash of time some of the metal in the path of the current comes to fusion heat. It so happens that the greatest heat is generated just where the sheets are faced together, and a little spot of one sheet becomes fused to another little spot of the other. Both sheets are then joined together by a stainless steel connection. In stainless steel it is a strong connection—much stronger than would be a rivet of the same size.

* * *

But the connection cannot be seen. It is between the inside surfaces of the sheets. "How do we know they are joined, and how strongly?" This is answered by a simple little device called the recorder. This instrument actually measures the amount of current used—even if for so brief a flash —and also the time during which the current is applied. Both readings tell the exact amount of electric heat used, and the amount of the heat in turn tells how much metal has been brought to fusion [illegible] the size of the weld.

The value of each weld is also recorded on a piece of tape by the recorder. If any one weld fails to come up to specifications, a bell rings and shuts off the welding machine. That bell is sometimes known in the shop as the "raspberry." You can well imagine that the welder does not like to have the "raspberry" loudly advertising his failure.

How Can I ? ?

By Anne Ashley

Q. Should stockings be washed, if one has not worn them, and they are to be stored away?

A. Yes; the washing will remove the excess dye besides preserving them for a longer time.

Q. How can I keep moths out of garments?

A. If whole cloves are sprinkled in the folds and pockets of the garments which you are storing, the moths will be kept away.

Q. How can I improve the flavor of French dressing?

A. Half a lime, with as much lemon, mixed with the French dressing, will add an unusually pleasant flavor.

Q. How can I remove tea stains from linens?

A. A little glycerin is very effective for this purpose.

Q. How can I make the scales of fish come off easier?

A. When cleaning fish, first dip each one in hot water for a moment, and the scales will then come off much easier and quicker.

Q. How can I exterminate roaches in the pantry?

A. Washing the pantry shelves with a hot solution of alum water will drive away all roaches and insects.

Modern Etiquette

By Roberta Lee

1. When a man who has been invited to dinner sends word a few hours in advance that he will be unable to attend, what should the hostess do?

2. How far in advance of a theatre party should the invitations be extended?

3. From whom should one ask for a letter of reference, when applying for a position?

4. Should a young married woman identify herself over the telephone to a social acquaintance by saying, "This is Ruth Martin," or, "This is Mrs. David Lee"?

5. How should the invitations to graduation exercises be phrased?

6. Should a man offer his hand to help a girl out of a car?

Answers

1. Telephone an intimate friend and ask him to fill in. This friend should never hesitate to do so, if at all possible to accept. 2. Not later than a week in advance. 3. Only from one whom you know intimately. 4. "This is Ruth Martin." 5. The phrasing of the invitations is usually determined by the customs of the school. 6. Certainly.

Try These

In critical company "Rzz-JEV" when you say it means Rzhev, Russia.

As to Rabaul, in New Britain, South Pacific, you say it Rah-BAH-ool.

If the speaker says "Mah-RET" for that beleaguered line in Tunisia he's right.

Don't try it too often but if you have to talk of Dnieperopetrovsk in Russia say it "DNEE-pro-peet-ROVSK."

There's plenty of buzzing in Bizerte, North Africa, but the bees are comparatively quiet — it's "Bee-ZAIRT."

Amboina, that Dutch East Indies island, is properly pronounced "AM-BOY-na."

Have You Heard?

Gus Edwards, Mechanic's Mate, is one of the Navy's most seasoned tale spinners. One day he was sitting with a group of English tars, discussing the relative merits of British and American ships.

"I'm curious about your carriers," one British tar said. "How fast are they?"

Old Gus looked at him and replied, "To tell you the truth, I don't know. We've never really opened them up. All they've been required to do so far is to keep up with the planes."

Gracie Fields in New York told the story of her Cousin Alf who was milking his cow when a neighbor passed by.

"You slacker! Why aren't you at the front?"

"There isn't any milk at that end," replied Alf patiently.

The barmaid was a flirt, and, when the corporal went out to buy a paper she leaned invitingly over the bar with her face close to the private's.

"Now's your chance, darling," she whispered.

The private looked round the room. It was empty.

"So it is," he remarked — and promptly drained the corporal's glass.

Mr. Spriggins (gently): "My dear, a man was shot at by a burglar, and his wife was saved by a button which the bullet struck."

Mrs. Spriggins: "Well, what of it?"

"Nothing, only the button must have been on."

In the smokeroom of the big hotel the Scot had been boring everyone with tales of the great deeds he had done.

"Well, now," said an Englishman at last, "suppose you tell us something you can't do, and, by Jove, I'll undertake to do it myself."

"Thank ye," replied the Scot, "I canna pay ma bill here."

To a destroyer whose lights were visible a nearby ship signalled: "Pardon me, but your ship is showing."

Monty's Method: "Winkling Out"

Montgomery's Forces Follow Plan of Humble Periwinkle

General Sir Bernard Montgomery has originality not only in his tactics, which have repeatedly routed Marshal Rommel, but in his verbiage, which has on occasion made the newspaper correspondents reel, says The Kansas City Star.

Recently the hunter of the "Desert Fox" reported in a communique that "winkling out" was proceeding. Americans, at least, were puzzled by the word.

By using it, General Montgomery displayed a whimsical knowledge of the marine life on the shores of his native British Isles. One form of shellfish is the periwinkle, commonly called the winkle. This creature, with a beautiful spiral shell, subsists upon oysters and clams.

These bivalves tightly close their shells and are notoriously hard to get at. But the winkle knows how to do the trick. He drills a hole through the shell, and presto! He dines upon the bivalve.

German strong points remaining in Southern Tunisia closely resembled the tightly closed oyster or clam shells in the difficulties presented in penetrating and eliminating them. So General Montgomery's forces have adopted the methods of the humble periwinkle. One by one they penetrate the strong points and destroy the garrisons.

"Winkling" it is, and a very good term, if anyone should ask.

Axis Gets Earful Of Artillery Music

A recording of the British Eighth Army artillery barrage which smashed the Mareth Line in Tunisia was broadcast recently to Axis-occupied countries of Europe by BBC, the London Radio said in a report heard by CBS.

Potash is used in making gunpowder, hand grenades and aviation gasoline.

Mulock Defends Postal Services

Overseas Cigarettes Lost Only Small Fraction of Total

"Thoughtless and uninformed individuals" have blackened the character of Canadians in the army postal service through statements about cigarettes not being delivered, stated Postmaster-General Mulock recently.

Col. Mulock gave figures showing 21,149,974 parcels of cigarettes and tobacco were sent to men overseas in 1942, and of this number 61,889 were lost as a result of enemy action. Complaints of non-receipt of cigarettes and tobacco in the year numbered 3,581, and of these the Post Office was able satisfactorily to account for 3,547.

Since the start of the year, 62,425 tobacco parcels and 29,412 ordinary parcels had been lost at sea due to enemy action, and non-arrival of such parcels was a potential source of complaint.

Defense Minister Ralston said that Canadian military headquarters had reported bona fide complaints of non-delivery of cigarettes were comparatively negligible and were continually diminishing.

In the first three months of 1943, when about 500,000 cigarette parcels would have been sent, 84 complaints had been received by army authorities and of these 76 were satisfactorily accounted for.

One of the reasons for complaint overseas was the army order limiting a man in the forces to not more than 1,000 cigarettes a month through the mail. Some organizations sent cigarettes overseas in bulk, by freight, and the Post Office had no control over such shipments.

Shipments by freight were chiefly made through the Buckshee Fund maintained by the Canadian Legion and the Overseas Tobacco League of Canada. With other organizations counted, the cigarette shipments were about 8,000,000 a month probably less than 10 per cent of cigarettes shipped overseas.

The cigarettes sent by freight were distributed by the army auxiliary services and issued free. There had been instances of pilfering in transit. A close check was made by United Kingdom authorities who gave the privilege of free entry to the cigarettes. Cigarettes lost were only a small fraction of the total. Pilfering was to be expected even in peacetime and cigarettes were hard to get in the United Kingdom at present.

Rommel's Retreat Longest In History

Marshal Rommel's retreat from Egypt, which has covered some 1,600 miles and is lengthening rapidly, already has exceeded in distance all other famous retreats of history.

Two famous retreats which invite comparison with the Axis flight halfway across Africa are Napoleon's withdrawal from Moscow in 1812 and the retreat of the 10,000 Greeks under Xenophon in 401 B. C.

Napoleon left Moscow Oct. 18 and the pitiful remnants of his army, some 20,000 out of the original 600,000, reached Vilna, 700 miles away, on Dec. 6.

Xenophon led his Greeks from the battlefield of Cunaxa, on the Euphrates River, to Trebizond, on the Black Sea, covering some 1,500 miles in five months, a distance and period comparable to Rommel's flight, which is now in its sixth month. But the Greeks were not pursued by the same adversary throughout, their fighting being against local tribes and bandits along the route.

Most Embarrassed Man In Tunisia

Sgt. Worden F. Lovell of Malden, Mass., a United States army photographer, is the most embarrassed man in Tunisia.

Scurrying along in a jeep to catch up with an advanced unit of the 8th Army in the Gabes area, he asked a group of soldiers in battledress for direction. Instead of answering, a soldier asked him why he wanted to know.

"I was in a helluvah rush and in no mood to carry on a conversation, Lovell related. "I told him so very plainly."

They swapped a few personal remarks and the soldier walked away.

"That fellow must be a sergeant the way he talked to me," Lovell remarked to a British photographer nearby.

"Oh, no," said the Briton, "that's Montgomery."

Doctors In Uniform

American troops have nearly three times as many doctors per thousand men as the Axis forces have. So declared Dr. Emerson Crosby Kelly of Albany, N.Y., at a recent General Electric Science Forum address. American troops have an average of eight doctors per thousand men. This compares with an Axis average of three per thousand.

Over 5,000 tons of cork was gathered in Morocco's forests last year.

HEMORRHOIDS

2 Special Remedies

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Mecca Pile Remedy No. 1 is for Protruding Bleeding Piles, and is sold in Tube, with pipe, for internal application. Price 75c. Mecca Pile Remedy No. 2 is for External Itching Piles. Sold in Jar, and is for external use only. Price 50c. Order by number from your Druggist.

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