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Official Newspaper of the City of Falls City

ISSUED EVERY SATURDAY MORNING

FOR GOLF PLAYERS.

A Few Suggestions on the Best Grips

For Hands and Feet.

The importance of the general equip-

ment of a golfer in all its details is

often overlooked, and it is therefore

proposed to mention a few things to

be remembered. Perhaps the greatest

problems are the best grips for the

hands and feet. So far as the former

is concerned, to many this is no trouble

at all, for they just rub some pitch or

wax on their grips and have no fur-

ther difficulty, but there are others

who cannot use either of these because

it makes the hands sore, thus taking

away much of the pleasure of the

Something in the way of an alterna-

tive to be recommended is rough rub-

ber. One would imagine that this ma-

terial would wear the hands out sooner

game.

blistered.

to The News not later than Wednesday.

Notices, legal rates.

10 cents; three months, 25 cents; single copy, 5 cts.

D. L. WOOD

### FALLS CITY NEWS

# **CHURCH NOTICES**

#### Free Methodist

Sunday School 10 a. m. Preaching service 11 a.m. Song and praise service 7:30 followed by preaching at 8:00. Mid-week prayer meeting 7:30 p.m. Everyone cordially invited to attend these services.

Edgar N. Long, Pastor.



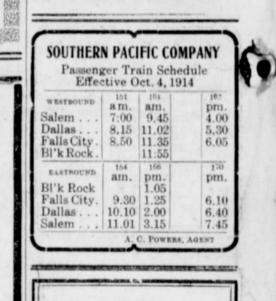
Headquarters for Candy and Cigars WEATHERLY CONFECTIONERY.



Candies, Tobaccos and Cigars, at L. B. WONDERLY'S

> DRINK PUGH'S LOGANBERRY JUICE

> > SOLD EVERYWHERE



The Scene In a Submarine When an Attack Is Planned. Entered as second-class mall at the postoffice at Falls City, Polk County, Oregon, under the Act of Congress of March 5, 1879. WATCHING FOR THE SIGNAL.

The Falls City News UNDERSEA TACTICS

A Dramatic Moment After the Enemy Is Located Until the Range Is Found and the Red Lights Flath the Order to Fire the Deadly Torpedoes.

A submarine is a mane of machinery. Unlike any other ship, she has two sets of driving engines-one oil and the other electric-and she is built with the nicest regard for weight.

First let us say something about the engines. They are the most important part of the boat.

At first gasoline engines, like those used on automobiles and motorboats, were installed in submarines. The Germans had them in some of the submarines that they used in the beginning of the war. We, too, used them. But as the gasoline engine was made bigger to meet the demand for increased power and speed it literally broke down. The Diesel engine had to be used. It was invented by Rudolf Dizsel, a Ger-

man engineer, while he was a student. In the Diesel engine air is sucked into the cylinder and subjected to such pressure by the piston that it becomes intensely hot. Then a little oil is squirted in. At once the oil vapor ignites and the mixture of oil vapor and highly compressed air expands with explosive suddenness. The Diesel is the most efficient type of engine ever invented, utilizing as it does about 30 per cent of the energy in the fuel as contrasted with only 13 per cent in the best steam engines. But it also uses air. In other words, it breathes. When a submarine is under water the crew must keep alive by breathing what air they can obtain from tanks. They have enough

for not more than thirty-six hours. So it becomes necessary to equip a submarine with electric motors fed by storage batteries. As soon as a submarine dives the breathing Diesel engine is cut out and the electric motor

Like the policeman's in Gilbert's song, the life of a submarine sailorare necessarily so cramped that it is new boats iceboxes are provided, so served. In addition, there is a dry sta the crew is put on a daily fresh 'water allowance. To bathe the men must jump over the side.

Even when the boat is running on the surface the ventilation is poor. The proprietor of a New York sweatshop who did not provide his workmen with any more gir than the men in a submarine breathe would be arrested. When the boat is submerged the nauscating oil odor, the battery fumes and. the vitlated air exhaled from a score of lungs make one wonder why every one s not sick. As a matter of fact, seasickness produced by these conditions is common enough.

What is the scene within a subma-rine when an attack is made? A German officer of the U-26 gave this account of an attack on an unnamed British warship:

"The boat is cleared for action. The

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is coming season. Its editors will devote peir best efforts in making this paper the best in the country. Each week you'll re-ceive a clean, well-edited issue on better farming, marketing, prices, profits, educa. tion citizenship, home and social life. gular price alone, \$1.00 per year.

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Letter Heads, Bill Heads, Statements, Envelopes, Hand Bills, Posters, Pamphlets, Notes, Receipts, Checks, Business Cards, Visiting Cards, Butter Wrappers, Etc. : : : : :

# THE NEWS CAN SUPPLY YOU.

# THE WORLD'S GREATEST WAR

The United States has entered the greatest war the world has ever seen. The part we play may determine the future of Europe both politically and socially. Every American man, woman and child is vitally interested in this war. Some of us will give our lives, all of us must make sacrifices.

"The World's Greatest War"

than anything else, but this is not the case. There seems to be a prejudice against wearing gloves for golf, but they are really quite easy to play in. although it takes a few weeks to get thoroughly accustomed to them. Gloves have the advantage of keeping the hands warm, as well as preventing them from becoming sore. cracked or A firm grip for the feet is just as switched in. important as a good grip for the bands It has been said that the ordinary nails which are put in golf shoes are | man is not a happy one. The quarters not much good. Gymnaslum shoes are suggested for dry weather, but are difficult to provide ordinary ship compractically useless if the ground be- forts. The officers have cots and the comes at all wet. It is a great mistake crew hammocks for sleeping. In our to play in gymnasium shoes or those

with no heels and then suddenly to that fresh meat and vegetables can be change to thick soled boots, for when these have study or nails fitted the food supply sufficient for five days. At player stands quite an inch higher. A difference like this is apt to alter the game of any one considerably, and one golfer who tried it sliced all his drives. until he got accustomed to his higher position.

A pisyer should always see that he is thoroughly comfortable and should avoid carrying bulky things in his pockets, such as balls, which often get in the way when approaching and putting. These articles should be placed in charge of the caddle during the round. or, failing the caddle, they should be put into the pocket of the bag. No golfing equipment is complete without a rag or duster to dry the grips in the event of rain or to wipe the hands if they should perspire in hot weather .- New York Post.

# ROAR OF A GUN.

flagpole is taken down. Part of the

We want every one of our subscribers to The News has been fortunate in making take immediate advantage of this great sub-scription bargain. It will be good for but a FARMSTEAD whereby both may be offered short time, so send your new or renewal fors short time at only Scents more than the

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YOUR YEAK'S READING

#### Caused by Sound Waves Flung Out by the Expanding Hot Gas.

The loud noise made when a gun is fired is due to an explosion, the sudden expansion of a compressed gr.s, as it escapes into the air from the space in which it was confined. Now, in a popgun the gas that is compressed and then allowed to expand is air which already exists as air. But there is no air or any other gas in a cartridge, and the question is, Where does the gas come from that makes the noise and fires the bullet when a gun is fired?

What happens is that we suddenly burn a powder we have prepared of materials such that when they are burned a large quantity of gas will be produced, and it must be produced very suddenly if the full explosive power is to be obtained. We have another great advantage in trying to make this kind of explosion, as we have not when we fire a popgun-that is, that the gases produced are exceedingly hot. for they are heated by the burning which makes them.

A hot gas maturally occupies a great deal of space-far more than a cold gas-and so when we fire a gun we suddenly produce a great quantity of hot gas in a tiny space which is not nearly sufficient to hold it. If this were done in a closed box it would burst the box, but in the case of the gun we have prepared a way out for it -only that we put a bullet in the way. Out comes the gas, driving the bullet before it, and as it expands it starts the wave of sound we hear.-Kansas City Star.

Unfamiliar Uses of Molasses.

Molasses is not only the most important byproduct of beet sugar manufacture from a financial standpoint, but is also of particular interest chemically and from the point of view of the variety of ways in which it has been utilized. Among these are cattle feeding, alcohol production and extraction processes. In cattle feeding the molasses is mixed with alfalfa meal or beet pulp when available, as the molasses in its original state is too sticky for feeding. Alcohol and vinegar are also made from n olesaes in this country and abroad. - Metallurgical and Chemical Engineering.

bridge is folded up and lashed. The periscope is elevated. The hatch through the combined bridge and conning tower is tightly closed. The motors cease their endless song. From now on electricity will drive us until we rise to the surface again.

"A young lieutenant is posted at the periscope and looks for the enemy. The sailors take their position near the torpedoes. The interior of the boat is lighted with two small electric bulbs. They do not clear the gloom. Everywhere is the smell of stale oil. It is impossible to speak with the din of the machinery and of the inrushing water.

"From time to time the officer in command of the torpedoes looks at his watch, which he wears on his wrist, or at the compass. Intently the men all watch a signal board in front of them on the side of the boat. Suddenly we start to forget the heat, the foul air, the discomfort. In small luminous letters the word 'Attention' flashes up on the board. The commanding officer grasps the lever which will release the first torpedo. The men prepare to launch the second as soon as the first is discharged. Half a second later and the red letters on the board say 'Fire!' The lever is jerked, and the torpedo leaps out. There is a short metallic click and the noise of the water rushing into the empty tube. The second torpedo is at once inserted. A few seconds lator and the interior of the submarine looks as before the attack began.

"But what of the first torpedo? We hear only the noise of the motors. We **S100 Reward, \$100** The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarth. Hall's Catarth Cure is the only positive cure now known to the medical fraternity. Catarth being a constitutional fraternity. Catarth being a constitutional fraternity. Catarth Cure is taken in-ternally, acting directly upon the blood and mucous surfaces of the system, thera-by destroying the foundation of the dis-case, and giving the patient strength by building up the constitution and assisting mature in doing its work. The proprietors have so much faith in its curative pow-ers that they offer One Hundred Dollars for list of testimonials. Address F. J. CHENEY & CO., Toledo, Ohio. Sold by all Draggiste, 75c. wait. Nothing happens. Then suddenly we are all thrown in a heap by the shaking of the boat. Then the boat rolls as before. The regular purring of the motors is heard. We are on our way home. The attack succeeded."-Popular Science Monthly.

#### His Worst Fears.

Fluidub-Why do you watch young Gotrox so closely? Are you afraid he is going to elope with your daughter? Poor -- No; I'm afraid he isn't.-Life.

Scatter sunshine; make days bright er and burdens lighter.

is the title of a new 32 page at as just placed on the market. It is the most comprehensive work of its kind and is accurate in the smallest details.

There are 15 pages of maps in three colors (15x11) covering minutely the various theatres of war, and showing all the towns and villages mentioned in the daily dispatches from the front.

There are pages of photographs, many of them made expressly for this book, of persons, places and things about which so much is said and so little definitely known. Photographs of zeppelins, submarines, submarine chasers, mines, torpedoes, torpedo nets, anti air-craft guns, gas masks, giant guns that shoot 2-ton shells, German trenches, etc.

There is a complete chronological history of the war to date, and the answers to a thousand and one questions on every phase of the costliest and bloodiest struggle in the history of mankind.

# An invaluable Reference Book for the Home

Possession of this book will enable anyone to give exact information on subjects on which his friends speak from heresay. It is a valuable addition to any library and contains a wealth of facts on the one subject in which everyone is interested at the present time.

The book itself is printed on the finest grade of enameled paper and is the best that skilled workmanship can produce.

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## IDAHO FILLS ARMY OUDTA

Idaho completed its regular army recruiting quota Saturday, making the seventh state to have

\$100 Reward, \$100

Sold by all Druggists, 75c. Take Hall's Family Pills for constipation.

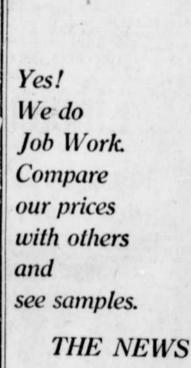
Now that it is agreed between the Allies and the U.S. to break kaiserism in Germany why not make a clean sweep and clear the be possible for worlds peace.

war volunteers.

Don't urge or expect your neighbor to do that which you are not willing to do.

It is very unfortunate, but supplied its allotted number of never-the-less true, that men are placed in important public positions who are wholly objectionable

to the people, and thereby kill an important undertaking that but for their baneful influence would have succeeded. This is not as it should be. The people should rise own. Political spite work is r world of oppression? Then it will above such petty differences-see sponsible for the majority of the only the object to be obtained.



Send us whatever news you know. We will not publish your name but will publish the news.

Good four room house for rent. Apply at the News office.

Do not brand a man as disloyal because he happens to have ideas that do not coincide with your charges of alleged disloyalty.