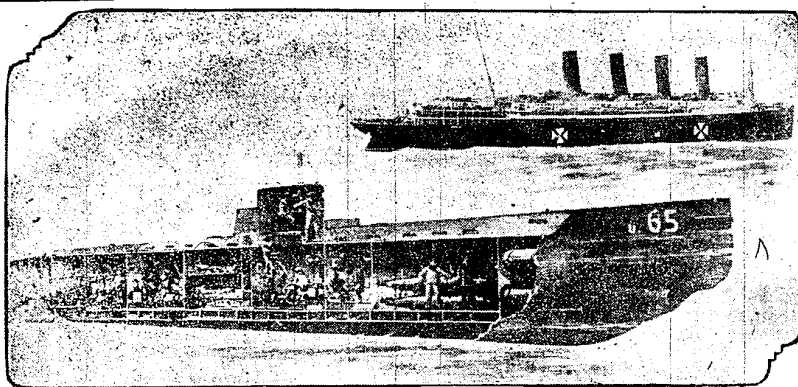


HOW A GERMAN SUBMARINE SIGHTED AND SUNK THE LUSITANIA



Crosses on Lusitania show where torpedoes struck vessel.

The diagram shows the interior of the latest type of submarine now employed by the German navy against the shipping of the allies, and probably the type which sank the Lusitania. The periscope is seen protruding above the surface, and in the tower officers are getting the exact location of the intended victim. Below the crew is seen preparing torpedoes for the tubes, to be launched as soon as the range of the big liner has been obtained. In the background to the right is seen the ill-fated Lusitania.

AMERICAN CHILDREN DIE ON LUSITANIA



Masters Dean W. and William S. Hodges, Jr.

These Philadelphia children were aboard the Lusitania when the vessel was torpedoed. They lost their lives, as did also their parents, who accompanied them.

INTERESTING NEW INVENTIONS

William B. Gage, a telegraph operator of Columbus, Mo., has invented "what he calls a 'wait-on-yourself' table. It is a ball-bearing, revolving affair, turning whenever one of the guests desires. As Gage explains it, when a diner wants the mustard he simply whirls the table around until the mustard is 'ferniest' him. How the other diners keep track of their own meals during the whirling process is not explained, but Gage had a carpenter build one of the tables for him, and it is in operation now in his home, where he says it is giving satisfaction.

An electrical machine has been invented to reset pins in bowling alleys. The new electrical pin boy will reset the pins in a fraction of a second. An electric motor, controlled by magnets, does the work.

A camera small enough to be swallowed to photograph the interior of a stomach has been invented by a Danish surgeon.

A recently patented stairway for reaching seldom used portions of buildings folds into a ceiling and is hidden by a panel when not in use.

Unbreakable telephone mouthpieces and receivers are being made of steel

around which the rubber insulator is forced through under high pressure. A lunch pail with a lamp in the bottom by which the contents can be heated has been patented by a Pennsylvania inventor.

Two Oregon inventors have patented a garment for cold weather wear that includes coat, hood, mittens and slippers, all of which are filled with electric wires supplied with current from a storage battery to "warm the wearer."

To guide a key to a keyhole in the dark there has been patented a V-shaped strip of metal to be fastened to a door, with the point surrounding the hole.

A new dustpan that a woman has patented has the handle on one side, and in front a guard plate over which the dust is brushed into a pocket section.

A ladder consisting of a single rod, bent to form hand and foot holds, has recently been invented by a New York man.

For the blind there has been invented a watch with the hours marked by raised dots and dashes that can be read by the sense of touch.

The lines of a recently invented fork are diamond shaped, instead of flat. The inventor claims that this fork can

be much more easily cleaned.

A photograph is built into a new alarm clock to awaken a sleeper by playing his favorite tune instead of ringing a bell.

After a wild duck has been shot at several times it becomes suspicious. If it doubts the genuineness of ducks floating on the water it will fly away. The latest kind of decoy is one which gives forth a lifelike quack at regular intervals and also swims around slowly. This is so cleverly done that it is said the wisest duck "falls for it."

Both the "quack" and the propulsion of the dummy duck are operated by a clockwork motor inside the decoy. To answer the demand for a cheap and serviceable sled for youngsters, one made of wire has recently been brought out. To make a sled of wood requires considerable material of rather high grade, and it must be painted and varnished, which adds to the cost. A sled made of wrought iron or steel is heavy, which is undesirable. The sled of wire offers lightness and economy, and is strong.

To insure the owner of a private shaving cup kept in a barber shop that he is the only user there has been invented a paper cap to cover it, which can not be removed without breaking a seal.

A Kansas man has invented a knife that will cut grapes four or five times as fast as the ordinary kind.

A griddle hinged in the center is a recent invention. It is so made that it may be turned over to bake a cake on both sides.

A resident of Roscoe, N. Y., has invented what he claims is a puncture-proof automobile tire and is said to have recently refused \$100,000 for the patent. The inventor is firm in the belief that he has solved the tire problem and that his discovery will eventually make him a millionaire.

A resident of Belvidere, Ill., has patented a new apparatus for filing saws. The teeth of the saws are "filed" by a blow delivered by an automatic hammer, which is so arranged as to be operated by the foot of the operator, leaving both hands free to handle the saw. The device is attached to the side of a barn or shed.

A portable metal roof, made in sections, has been patented by a Kansas man for protecting hay stacks from rain.

A Texas inventor's hair drying brush that is heated by electricity is provided with a scheme to prevent it burning the scalp.

To avoid the use of towels in public places, there has been invented a device in which a person's hands are dried with a current of electrically heated air.

Don't cultivate the potatoes when out in bloom, or coming out, unless you want a lot of stunted little tubers. Cultivate them before they get that big, and hoe them clean of weeds.

Kerosene will soften boots and shoes that have been hardened by water and makes them as pliable as new.

The income tax doesn't bother the man whose principal holdings consist of castles in the air.

SUBMARINE CAPTAIN MAKES RECORD TRIP



Lieut. Withers.

Lieut. Thomas Withers, commander of the E-1 and also in command of submarine division 5, last week made a record breaking trip from Key West to New York. The distance traversed without stop was over 1,500 knots, a feat never before accomplished by an American submarine.

AUTO HORN SAVES HIM FROM MOUNTAIN LIONS

He Thought His Last Hour Had Come, but Luckily He Had the "Honk-Honk" Weapon. Sacramento, Cal.—Charles Jackson, driver of the mail stage between Markleville, Cal., and Gardnerville, Nev., has found a new use for automobile horns. As a weapon against attacks by mountain lion Jackson says an automobile horn has no equal, and Jackson is in a position to know.

While driving to Gardnerville the other day Jackson was confronted by two mountain lions, made savage by angry snarls and the resultant lack of food. The brutes disputed the right of way with Jackson, who was unarmed. The horses took fright and became almost unmanageable.

"I thought my last moment had come," said Jackson. "The lions were preparing to leap upon me or the horses and that would have been the end of us both. I yelled, cursed and bawled at the top of my voice, but the lions were not a bit scared. They came creeping toward me and the frightened, shivering team."

"Suddenly I remembered I had a good noise producer in a package under the wagon seat. It was an automobile horn I was bringing in for the postmaster. I grabbed that horn and pressed the bulb as hard as I could. The 'honk-honk' of that horn did more than all my yelling, for the lions turned tail and fled down the hill as though pursued by a thousand demons.

"I'll either carry a gun or an auto horn on the rest of my trips this winter," added Jackson.

Before turning oyster soup into the tureen put into the dish a heaping tablespoonful of finely minced celery and half as much chopped parsley. The garnish of the soup will be much enhanced.


A mother is always seeking a good match for her daughter—yet a good match is merely a cheap stick with a head on one end of it.

Some men do not think they are being treated right unless you say to them: "What are you going to have?"

Rich relatives are used by poor men as objects at which they can point with pride and expectancy.

"They say Mazlo's newly acquired wealth has gone to her head."

"Yes, she's wearing nothing but imported millinery!"



Baldness Cured!

He reads the promises of "hair tonic" makers eagerly, tries many of them and is disappointed. Few cases have ever been helped when the hair starts to go. The logical way to overcome baldness is to have a natural, tope, which duplicates nature itself. Don't be bald and look old, but see me today for convincing proof of what I do for you.

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For months many readers have seen the constant expression of praise for Dean's Kidney Pills, and read about the good work they have done. What other remedy ever produced such convincing proof of merit?

Mrs. John C. Abbey, Fifth St., Fenton, Mich., says: "A dull, nagging pain in my back annoyed me for six years. I paid little attention to it at first, but it kept getting worse until I saw that something had to be done or trouble would follow. I could see after I used the first box of Dean's Kidney Pills that the pain in my back was getting less and I got an other box. At the time I had taken this, I was completely cured. I have not felt the trouble since."

A DANDY POWER ENGINE

That is Needed Everywhere—Sold at the Right Price

There is growing demand for the all around power engine that can be depended upon for efficiency, power and economy, as well as simplicity in running. Prices heretofore on the high grade power engines have been high, but the Becker & Becker Co., 10 Jefferson avenue, W. Detroit, Mich., are offering a four horse power engine complete at \$65.00 that has every improvement and which is a winner at the price asked. It is 4 1/2 inch bore, 6 1/2 inch stroke, 26 inch fly wheel, cylinder head is completely water jacketed, the base is strong and rigid, weight 700 pounds. This is but one of many models offered by the above concern. Those interested in power engines should drop a postal for quotations and full descriptions of any horse power requirements, subject to advance, so do not delay.

A NEW KIND OF STORE

In the whole world there is not another store like The Puritan Machine Company of 122 Lafayette Boulevard, Detroit, Mich. Mr. J. H. Farmer, this is truly your big store.

The huge plant and mammoth warehouses are literally crowded to the roof with the most wonderful bargains in automobile repair parts, accessories and supplies, all filling a floor space of over 100,000 square feet.

Mr. Alfred O. Dunk, the President of this progressive company, last week bought the entire stock and assets of four automobile concerns, bidding them in for 50¢ cash. These recent acquisitions mark the sixtieth anniversary of the company taken over by The Puritan Machine Co., making the largest and most complete automobile repair parts, accessory and supply house in the entire world. Buying and selling for cash enables them to quote prices for service and repair parts 50 per cent below manufacturer's quotations. All middlemen's profits are eliminated and the consumer gets all benefits derived therefrom.

The company will mail free upon request a large catalogue stating some of the many bargains they have to offer on repair parts and accessories for all makes of cars.

For the benefit of rural patrons a large and complete mail order department is maintained, and mail orders will receive the same careful attention as if a personal call to the factory was made.

VISIT THE SPEEDWAY

Visitors at the grounds of the Detroit Motor Speedway will be welcomed. Automobiles may drive in at the Sibley avenue entrance at the nearest rate to Wood Jefferson avenue and in fairly dry weather the dirt road extending around the grounds inside the track enclosure will be found good. About 400 men are at work.



W. J. KASIK, HAIR SPECIALIST

The above is the picture of a man who overcomes baldness, and who has a reputation country wide for best results. Mr. Kasik states that his natural hair toupees are not a mark of vanity, but no man wishes to appear older than he is. Bald heads can be restored to natural, youthful appearance, easily overcome, and a toupee is a toilet necessity demanded by men who appreciate good looks, health and appearance. Mr. Kasik is a master in hair goods of all kinds. Men and women desiring hair goods will do well to come and see him at his office at 301 Woodward Bldg., corner Clifford and Woodward avenue, Detroit. All work is fully guaranteed to satisfy the most particular persons.

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