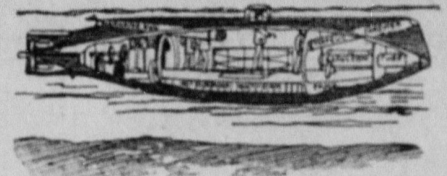


A SUBMARINE BOAT.

THE HOLLAND PROMISES TO REVOLUTIONIZE MODERN NAVAL WARFARE.

What is Claimed For the New Vessel. Able to Withstand the Pressure of Water at a Depth of 150 Feet—Commercial Uses of Submarine Craft.

The successful launching at Elizabeth, N. J., of the new Holland submarine torpedo boat created a considerable sensation, as it is claimed the vessel will revolutionize marine warfare.



THE HOLLAND SUBMARINE BOAT.

ventor, she can travel under water eight knots an hour for eight hours, and ten knots on the surface. The power comes from a gasoline engine and a dynamo, the former to be used when the boat is sailing along the surface and the latter when she is submerged. It will, it is expected, take less than a minute to submerge the boat and about the same length of time for her to rise to the surface.

The armament consists of three torpedo tubes, one at the upper bow of the boat being an aerial torpedo thrower with a range of one mile. Six projectiles, weighing 180 pounds each, with charges of 100 pounds of explosives, are to be stored for this gun.

The Holland will be able to dive and run at any depth below the surface down to 100 feet and can be instantly adjusted to maintain any fixed depth while running. If running under a fleet in deep water, she would, of course, need at least 30 feet of clear depth over her, but when attacking a ship might take a higher level, so as to be able to come quickly to the surface now and then for an observation.

In the serious business of war the submarine torpedo boat has such a manifest advantage that the only question ever raised is, Can you build one? A few more weeks will apparently settle this question in the affirmative, and the indications are that, with every government in the world armed with submarine ships within the next ten years, naval warfare will become very unpopular.

In the fascinating pursuit of lost treasure and the exploration of submarine property the submarine boat will doubtless become a great aid to the wrecker and diver and make possible the lifting of ships that otherwise could not be reached, and add much to our knowledge of the sea.

The circulation of wonder stories as to the things to be done with liquid air is now in order. The operation of liquefying air has become a tolerably familiar one. The cost of the liquefaction upon a commercial scale is far from being settled.

Professor Roberts-Austin has made the remarkable discovery that metals are not only capable of diffusing into each other when they are molten but also when they are cold.

Sixty years ago Joseph Gillott was a working jeweler in Birmingham, England. One day he accidentally split one of his fine steel tools, and, being suddenly called on to sign a receipt and not finding a pen handy, he used the split tool as a substitute.

A paint to make building fireproof, recently patented, consists of water, caustic soda, salt and blue vitriol mixed together to form a liquid of the thickness of paint, the compound being discovered by a Washington woman.

A California man has a steaming process for killing insects on fruit trees. The process consists of heating the atmosphere about the trees to about 120 degrees, which does not injure the tree, but destroys insect life.

A shop in Tacoma is building a \$100,000 sawmill outfit to go to Delagoa Bay, South Africa.—American Machinist.

PASTEURIZED MILK.

A Simple and Effective Process of Sterilization Explained.

Consumption is a disease caused, as is now generally recognized, by a specific micro-organism, and this organism is often found in the milk of tuberculous cows, such cows being quite numerous—perhaps 10 per cent of all those existing in the state of New York.

The stomach disorders of infant life are so frequently due to contaminated milk and are so well known that any remarks upon them seem unnecessary.

The process of pasteurization is superior to sterilization by boiling, because it does not make the milk less digestible, as boiling certainly does.

The apparatus described above should be heated on a fire or stove until 155 degrees F. is reached. The temperature of the water must not be allowed to exceed this.

This milk may be safely used at any time within 24 hours after it has been boiled. By means of an ordinary dairy thermometer the temperature of the water may be tested at any time.

The pioneer in railway bridge building on this continent so far as colossal enterprises are concerned was the Grand Trunk railroad. Old timers remember the opening of that Grand Trunk wonder, the Victoria bridge at Montreal, spanning the St. Lawrence river.

The Rev. Mr. Sheffield, a Presbyterian missionary at Tung Chow, has invented a Chinese typewriter, which is said to be a very remarkable machine and is exciting a great deal of comment over there.

A press dispatch from Montreal states that Queen Victoria has been asked, through Lord Aberdeen, and her consent is expected, to touch a button in London and thus start the big electric works of the Lachine Hydraulic and Land company.

To ascertain the number of bricks in a wall, obtain the number of superficial feet and multiply this by 7 for a 4 inch wall, by 14 for a 9 inch wall, by 21 for a 13 inch wall and by 28 for a 17 inch wall.

Liquefied air can now be ordered by the dozen bottles in Munich, but just what it can be used for in a general way is in doubt.

When steam becomes visible, it ceases to be steam. The exhaust seen coming from an engine consists of particles of liquid water mixed with air which is gradually absorbing it.—American Machinist.

During the last 25 years the United States patent office has granted 711 patents to Thomas A. Edison.

CHILDREN'S EYES.

A PHYSICIAN ON THE IMPORTANCE OF CARING FOR THEM.

Dispositions Sometimes Affected by Trouble of the Eyesight—Benefits of Using Properly Adjusted Glasses—Valuable Advice to Parents.

About two years ago a lady brought two of her sons, aged respectively 9 and 11, to me to have their eyes examined to see if glasses were needed.

"I really am puzzled to know what to do with the older boy. He seems so irritable and cross after a few days at school, and he always seems to be spoiling for a fight. His health seems very good, with the exception of headache after study, but he is not nearly so far advanced in school for his age as his younger brother."

"After making a careful examination I prescribed glasses for the older one, but told the mother that the younger one did not need them at the present time. I did not see anything of the children or the mother for six months, at which time, when meeting the mother, she told me the glasses had worked a marvelous change in her son, and he wore them constantly and could not bear to be without them."

"This child is only one of many thousands in our schools today who are having their dispositions ruined and are called dull and stupid by their parents and teachers through no fault of their own. Being perhaps born with a defect in sight, they do not know of any different world from that which they see through defective eyes."

"People who have strong eyes usually have but little sympathy for those who are less fortunate in this respect. The necessity of glasses to assist a child in school work, which will put it on a more even footing with the other students, is not appreciated by many parents who are otherwise thoughtful and considerate of the welfare of their children."

"Another point which I think should be proclaimed loud and long to the different parents is the fact that nine of every ten cases of strabismus (cross eyes) existing among children under the age of 12 can be wholly cured by the very simple and painless method of wearing glasses, whereas if this matter is left until the child has reached maturity it requires a painful operation, which in the majority of cases is not altogether successful then, for it is not alone the matter of appearance that the parents are responsible for."

"Queen Victoria to Touch the Button." A press dispatch from Montreal states that Queen Victoria has been asked, through Lord Aberdeen, and her consent is expected, to touch a button in London and thus start the big electric works of the Lachine Hydraulic and Land company, which are to supply some hundred thousand of horse power to Montreal.

"Liquified air can now be ordered by the dozen bottles in Munich, but just what it can be used for in a general way is in doubt. It is so cold that it blisters the skin at a touch, but its excess of oxygen is a valuable feature. At present chemists are the only customers for it."

"During the last 25 years the United States patent office has granted 711 patents to Thomas A. Edison."

A SCRANTON DYNAMITER

Succeeds in Destroying Three Big Buildings.

DAMAGES TWENTY OTHER HOUSES

The Owner of Two of the Buildings Destroyed Declares It the Work of Church Enemies, but H. B. Is Under Arrest on a Charge of Arson.

Scranton, Pa., June 30.—A dynamite explosion early yesterday morning in South Scranton blew up the business block of Leon Olchefski, a double dwelling block owned by him and a detached house owned by Michael O'Hara.

The cause of the explosion is unknown, but Olchefski alleges that it was the work of enemies he made during political and church disputes in that section, he being one of the principals in the troubles which led to a split in the Polish Catholic congregation.

"Following the explosion the wrecked buildings took fire, but the firemen kept the flames from spreading."

"In some of the houses the sleeping people were covered with falling plaster. The infant child of Michael Joyce was dangerously injured and a little son of John Klein almost suffocated."

"Chiefs Robling and Hickey, of the police and fire departments, respectively, and a corps of assistants worked with a great deal of eagerness yesterday in an effort to fix the responsibility for the explosion. Olchefski, owner of the main building, was arrested last night on a charge of arson."

"St. Louis Makes a New Record." Hurst Castle, June 20, 2:30 a. m.—Passed steamer St. Louis, New York for Southampton. On this voyage the St. Louis has broken the New York Southampton record, 6 days, 19 hours and 35 minutes, which has been held by the Furst Bismarck since September, 1892.

"The Rush For San Francisco." Kansas City, June 26.—The rush of excursionists to the Christian Endeavor convention in San Francisco is already straining the resources of depot and railroad officials here.

"President to Cruise in the Dolphin." Portsmouth, N. H., June 29.—Captain E. W. Lyons, of the United States dispatch boat Dolphin, stated yesterday that President McKinley would visit this city some time this summer, in the course of an extensive cruise along the coast in the Dolphin.

"Death of Actor Hoey." New York, June 30.—William F. Hoey, the eccentric character comedian and vocalist, died yesterday at the home of his mother-in-law, aged 42. Hoey had been suffering from paresis of the brain for three months past, but the malady only assumed an acute form three weeks ago, when, upon the advice of a specialist, arrangements were made to place the actor in a sanitarium."

"Another 'Heaven' For Schweinfurth Monett, Mo., June 25.—Schweinfurth the so-called 'Messiah,' of Rockford, Ill., has returned from Benton county, Ark., where it is reported he has contracted for the purchase of 2,900 acres of land from Senator Blackburn, with the view of removing his proteges from Illinois and establishing one of his 'heavens' there. People in that section are wrought up over the matter."

"Astor Entertains Colonial Premier." London, June 26.—Mr. and Mrs. William Waldorf Astor gave a successful garden party to the colonial premier at their country house, Cliveden, Taplow, yesterday. The guests were taken in launches from Maidenhead to Cliveden. In the afternoon the Canadian officers attended a special levee given in their honor by General Lord Gernot Wolseley, the commander-in-chief."

Calendar for July 1897 showing days of the week and moon phases.

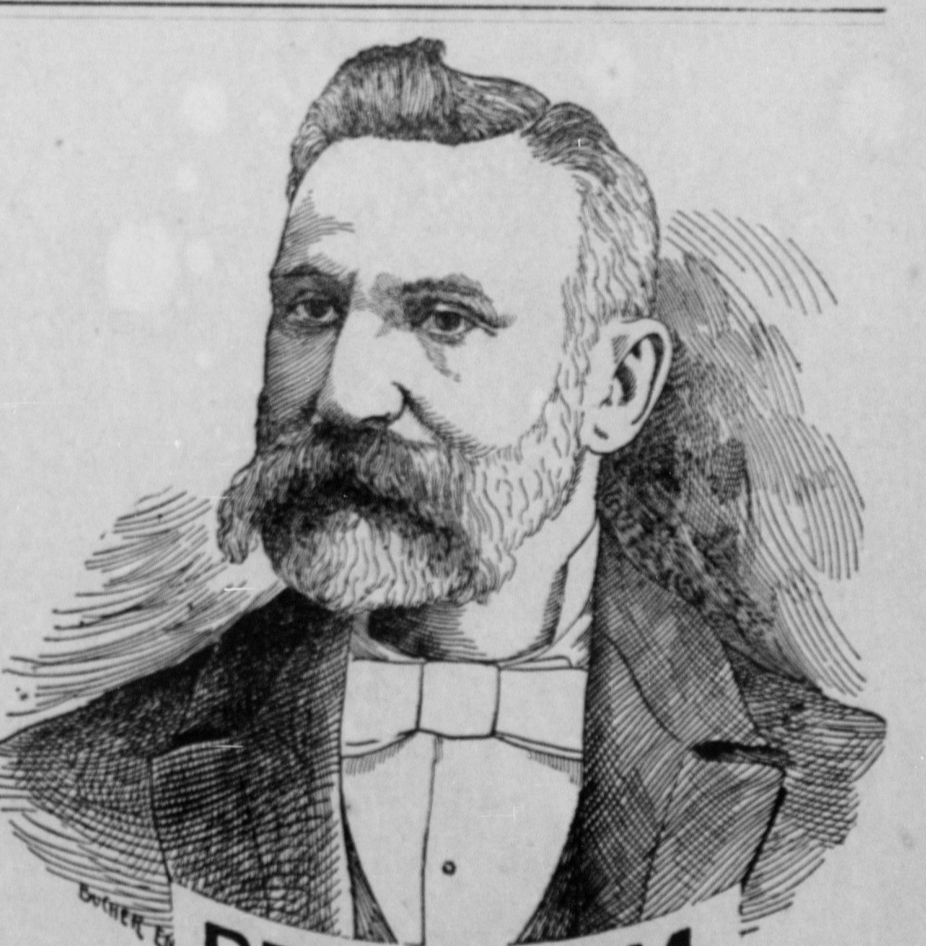
CURES THE CHILDREN.

Nervura Is the Best Medicine and Surest Cure For the Little Ones.

Dr. Greene's Nervura is the Household Remedy For Children. Give Your Child This Wonderful Remedy. A Cure Is Certain.



The health of the children should be the first consideration of every parent. Too many children are allowed to drift into fatal decline by neglect. If your little ones are pale, puny, nervous, do not play with zest and do not develop as they should, give them immediately this great restorer of health and strength, Dr. Greene's Nervura blood and nerve remedy.



Wonderfully Successful in All Chronic Diseases and Diseases of the Eye, Ear, Nose, Throat, Lungs and Nasal Catarrh. All Eye Operations Successfully Performed. HE CURES AFTER ALL OTHERS FAIL.

LIVED OFF BREAD AND MILK FOR YEARS. For more than 5 years I have had a bad case of catarrh, stomach and general trouble. Took cod continually. For one and one half years I could eat only bread and milk. Tired of different doctors, to get rid of my misery, but got worse and worse. So I went to see Dr. Salm for treatment, and to-day I am as strong as ever, can eat anything, don't take any more cod, and consider myself cured of this terrible disease. JOHN H. KAUFFMAN, Mattawana, Pa.