



How John P. Holland Solved the Problem of Submarine Navigation.

AN IRISH SCHOOLMASTER'S STUDY His Interesting Narrative About a Wonderful Vessel.

MANY NOVEL POINTS The fight between the Monitor and the Merrimack in Hampton Roads led a schoolmaster in Cork, Ireland, to reflection and study that resulted in the creation of the submarine torpedo boat which now bears his name.

Mr. John P. Holland is Irish from the first apparent blast spot above his corset, and to the tips of his sturdy shoes, and his intonation when he speaks is that of the educated Celt.

"I want a good soap for washing the clothes; they wear out too fast, and I believe the damage is done in the laundry."

"Let me send you a box of Ivory Soap. We know it is pure, and will not injure anything. Many of our customers will not have any other for their laundry work."

The box was sent, and one more family uses no other. Try it for one week in your laundry, and ask your laundress what she thinks of it.

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WALTHAM WATCHES

The best and most reliable timekeepers made in this country or in any other.

The "Perfected American Watch," an illustrated book of interesting information about watches, will be sent upon request.

American Waltham Watch Co., Waltham, Mass.

Hujall Jaw

NATURAL APERIENT WATER is the best known, the safest, and the most trustworthy remedy for CONSTIPATION.

It is invaluable for the relief of DYSPEPSIA, BILIOUSNESS, TORPID LIVER, and HEMORRHOIDS, in which its efficacy is unquestionable. It clears the blood of GOUT and RHEUMATISM, and it secures A CLEAR COMPLEXION.

HUNYADI JANOS never grips, and is never followed by unpleasant after-effects. May be safely administered to children. Average dose: a wineglassful before breakfast, either pure or diluted, with a similar quantity of hot or cold water.

ANDREAS SAXLEHNER, proprietor, Budapest, Hungary.

DEFENSE OF VIVISECTION

Dr. R. T. Morris Writes to Chairman McMillan.

He Claims that Medical Science Has Been Advanced and Humanity Benefited by Experimentation.

Dr. Robert T. Morris, professor of surgery in the New York Post-graduate Medical School, has written to Mr. McMillan, chairman of the Senate committee on the District of Columbia, in regard to vivisection.

This letter was called forth by the effort that is being made to have Congress pass an anti-vivisection bill for the District of Columbia, after which there is little doubt that such legislation would be made the basis of an effort to duplicate it in state legislatures.

Peritonitis and Appendicitis. 1. Peritonitis usually leaves in its train adhesions of the abdominal organs which cause lifelong discomfort and invalidism for the patient.

2. Surgeons frequently have to operate upon appendicitis patients when infection has advanced to such a stage that it is necessary to apply a drainage device. The drainage device necessitates leaving a weak point in the structures of the abdominal wall.

3. Surgeons are experimenting upon patients to discover the best way for curing tuberculosis of the peritoneum. I experimented upon rabbits and developed information which is of much value in the understanding of the subject.

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AN INVENTOR'S STORY

How John P. Holland Solved the Problem of Submarine Navigation.

Called It the Fenian Ram. "She excited the curiosity of everybody, particularly newspaper men, but the policy of the government was to keep her out of giving them any information."

"For some reason unknown to me, my partner seized both boats and had them towed toward New Haven. On the way up the smaller vessel was allowed to sink opposite White Stone, Long Island, and it went to the bottom in 110 feet of water."

"The idea of the Fenian Ram was to be a submarine torpedo boat which would be used to attack the fleet of the British navy, and she got even with me by sinking the Fenian Ram."

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GRAIN AND TOBACCO

Exhibit of American Products at Paris Exposition.

THE DISPLAY ESPECIALLY ATTRACTIVE Illustrative of the Resources of the United States.

METHODS OF CULTIVATION American grain and tobacco, two of the leading exports of the country, will receive a share of attention commensurate with their importance in the exhibit of the United States at the Paris exposition of the present year.

Attractively Arranged. The tobacco exhibit is to be attractively arranged. The variety of shading, from the bright yellow and white Burley to the dark wrappers and African black, will immediately draw attention.

Plans Won in Competition. "He did so, and competition was held in 1888, in which my plans were selected in preference to others proposed by Nordenfeldt, Baker, Prof. Tuck and some others."

Studying the Problem. "Some years afterward it was in 1870, I think—I was in bad health and was compelled to take a vacation from my duties as a pedagogue, and for a while time passed heavily on my hands. I happened to revert to the submarine boat idea. At first I thought it absurd and impossible, but upon reflection I determined to give it a trial."

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AUCTION SALES

C. G. Sloan & Co., Auctioneers, 1407 G St.

GRAN AUCTION SALE Of a Large & Magnificent Collection of Oriental Carpets & Rugs

By Order of Messrs. Donchian Brothers, Of 878 Broadway, Near 18th St., New York, N. Y.

Comprising RARE ANTIQUE CARPETS AND RUGS, including many unusual examples of OLD SILK PERSIAN, IRAN, SENNETH, KHORASSAN, CABISTAN, ISPAHAN, BOKHARA, BEAUTIFUL MOSQUE AND PRAYER RUGS and a large and desirable assortment of MODERN AND ANTIQUE HALL, HEARTH, STAIR and other RUGS, the whole forming a COLLECTION of the HIGHEST MERIT and IMPORTANCE.

The Entire Collection to be sold at Public Auction, Within Our Art Rooms, 1407 G St. (near 15th St.), Tuesday, Jan. 9, 1900, at 11 A.M. and 3 P.M., Continuing Daily at Same Hours Until All Are Sold.

Grand Exhibition Saturday and Monday Prior to Sale. Catalogues at the rooms. C. G. SLOAN & Co., Auctioneers, 1407 G St.

MONDAY. TRUSTEES' SALE OF VALUABLE IMPROVED PROPERTY BEING HOUSE NO. 150 FIFTH STREET NORTHWEST.

FUTURE DAYS. TRUSTEES' SALE OF A VALUABLE REAL ESTATE SITUATED IN THE CITY OF WASHINGTON.

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