

AMERICAN SHIPS.

Uncle Sam's New Navy Beginning to Take Form.

YORKTOWN AND VESUVIUS.

They Were Recently Launched at Philadelphia, and They Are Here Pictured and Described—The Former Is a Gunboat and the Latter a Dynamite Cruiser.

The United States is at last in a condition at which patriots can rejoice, and with the recent launching of six new vessels, it may be said that Uncle Sam's reproach for deficiency in naval armament is beginning to disappear.

The four new cruisers—Dolphin, Atlanta, Boston and Chicago—built under the contracts with the late John Roach, are now upon the stocks, and on April 28, at the Philadelphia Cramp & Sons, Philadelphia, were launched the gunboat Yorktown and the dynamite cruiser Vesuvius.



and that striking novelty in naval work, the dynamite cruiser Vesuvius. As this last, if a success, will greatly revolutionize naval warfare, a full description is of interest.

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The dynamite guns look like immense reflecting telescopes being feet long, and projecting far out from the forecastle deck. The breeches are firmly fastened to the bottom of the vessel, and around them are thirty-six pipes, each 25 feet long and 16 inches in diameter, into which the compressed air is forced to charge the guns.

The compressor brings this air to a pressure of 2,000 pounds to the square inch, and by its force the dynamite shells, weighing 600 pounds, can be sent two miles. As the vessel's engines can give it a speed of twenty miles an hour—its

LAUNCH OF THE YORKTOWN.

shape being calculated for speed—it is plain that the destroyer can "shoot and run," like the militia captain of the old story. The engines are toward the stern, triple expansion machines developing 3,300 horse power, to both run the vessel and compress the air.

The guns are the kind invented by Lieut. Zalinaki, of the navy, recently tested with great success; and one of them can throw a 900 pound projectile. The vessel contains apartments for its complement of officers and men, and the designers are confident it will prove indeed the "Destroyer of the Seas."

Along with the dynamite cruiser was launched the Yorktown, or Gunboat No. 1, as she was first called—a steel cruiser of 1,700 tons displacement, length between perpendiculars 280 feet, draught 13 feet forward and 15 feet aft, and breadth 38 feet. She has a poop and top-gallant forecastle, with open deck between. Her engines are triple expansion, of 2,300 horse power with natural draught and 3,800 with forced draught, giving a speed of seventeen knots per hour.

The engines are in separate water-tight compartments, and the coal is in bunkers around them to give protection. The machinery, magazines and steering gear are covered by a three-eighths inch water-tight steel deck, which is in the form of a turtle back, curving down at the sides and at the bow and stern, while the crown of it is but little above the water line. Above and below this deck are water-tight bulkheads, dividing the ship into many water-tight compartments, all of which can be drained by the powerful pumps and ventilated by the blowers. An armored lower stands on the forecastle deck, protected by 2-inch steel plates and provided with speaking tubes and telegraphs by which the cap-

tain can communicate with the engineers and men at the guns and control the whole thing in battle. The Yorktown carries 800 tons of coal, enough to sail from 3,500 to 10,000 miles, according to the rate of speed desired, as is a principle of steam

NEW BRITISH TORPEDO BOAT.

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making for speed above eight knots per hour, each added knot requires more coal than any preceding.

While the United States navy is employing its constructive talents on destructive gunboats, Great Britain is devoting her naval energies just at present to the perfecting of torpedoes and torpedo boats. There are fifty such boats in the British navy; but the admiralty a year ago proposed that the unsafe, uncomfortable and of little or no use in a rough sea, and invited proposals for a new class from the existing defects. The result has been a box of novel designs constructed by Messrs. Yarrow & Co. Their first boat was lately exhibited in the Thames, and is officially declared a success. It is 60 feet long, 8 feet and 6 inches in beam, and can make seventeen knots an hour with its full load. The rapidity and ease with which the boat is turned, its capacity for the roughest sea and the ease with which it is steered, fill the admiralty's want.

The machinery consists of a locomotive boiler and triple expansion engines—all protected, as is the steering apparatus. A revolving torpedo gun is fixed aft, from which a torpedo can be ejected at an angle while the boat is going at full speed, a great improvement on the firing from the bow, by which the speed of the boat was suddenly checked, greatly increasing the liability to be hit by the enemy's guns. A small Nordenföldt gun is also mounted, so that the credit can be made, to that extent, a quick firing gunboat if the necessity arise. The admiralty are so pleased with the new design that they will supersede with it all the old torpedo boats; and, of course, other nations must follow suit. And by the time we get well supplied all around with torpedoes, torpedo boats, dynamites, and other gunboats, we may reasonably expect that some genius will invent something that will render all these useless, and then we shall all begin again at the beginning. But the great point to the United States is that these new gunboats can range the ocean and destroy merchant ships so easily that any commercial nation will think long before going to war with the great Republic.

Very frequently they who occupy a common place in life strive to imitate the peculiarities of those who hold a high rank in the fashionable world. But the result of such endeavors, even when successful, is often far from satisfactory. The female boarders at the hotel whither Jenny Lind went, on reaching New York City, somewhat more than thirty years ago, were naturally eager to learn in what dress she appeared for the first time, present herself before an assembly of American women. So, when the hour for dinner arrived, there was a rush to the dining-hall.

The surprise of the ladies was great as she entered the room, dressed in a simple, unpretentious manner; and especially when they astonished at the absence from the back of her head of the immense comb without which, in those days, no American lady considered her toilet complete.

"I wish I had known that she does not use a comb, then I would have left mine off," whispered one. The others assented.

Going to her room, the "Swedish Nightingale" said to her dressing-maid, "I notice that American ladies fasten their back hair with a large comb, and while among them I shall not wish to seem unwilling to conform to their customs. You will please procure such a comb for me today."

The following day at dinner, Jenny Lind was astonished at finding herself the only lady present without a comb. And it is difficult to imagine the amazement of the other ladies at seeing upon her head an article which they had discarded as "unfashionable. Perhaps, too, they were slightly vexed, thinking of the hours they had wasted—as it proved—in dressing their hair without the customary ornament.

In the spring, hundreds of persons suffer from boils, carbuncles, and other eruptive diseases. These are evidences that the system is trying to purge itself of impurities, and that it needs the powerful aid which is afforded by the use of Ayer's Sarsaparilla.

In Cases of Apoplexy.

Apoplexy may readily be distinguished from fainting by a little attention to the following details: Fainting is of short duration, and is characterized by paleness of the face, a weak or imperceptible pulse, and no paralysis. Apoplexy, on the other hand, is longer in duration, the face may be flushed, the pulse is usually strong and slow, and paralysis is frequent. The snoring character of the breathing in cases of apoplexy will also serve to distinguish the two conditions. And the circumstances under which the attack comes on may likewise be of aid.

To the above statements Good House-keeping adds, that a person seized with a stroke of apoplexy should have the freest access of air; windows should be opened wide, and all crowding about the patient avoided. The clothing about the neck and chest should be loosened, so that there may be no impediment to the breathing. The belt should be unfastened, and anything which in any way confines the body. The head should be raised somewhat, and if it be flushed or hot, should be bathed in cold water.

Bottles of hot water or heated bricks should be placed at the feet, if the latter are cold, care being taken not to burn the person who is incapable of protecting himself or of restraining. He should be allowed to remain quiet, and until a physician be called, for great harm may be done by inexperienced zeal for his welfare. Any unnecessary amount of the body may increase the amount of bleeding within the skull.

Many ladies admire gray hair—on some other person—but few care to try its effects on their own. Ayer's Hair Vigor restores gray hair to its original color. Sold by druggists and perfumers.

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The Minister's Popularity.

The late Dr Cook, of Haddington, after assisting the late Dr Forsyth, of Morham, at a common service, returned home as usual to the manse. While in the enjoyment of a little social intercourse, the minister of Morham, which by the way is one of the smallest parishes in Scotland, quietly remarked to his brother divine, "Doctor, you must be a very popular man in the parish!" "Aye," replied the Doctor, "how's that?" "Why," rejoined the other, "our usual collection is threepence, but today it is ninepence!" "Oh, is that all," said Dr Cook, "then was me for my popularity, for I put in the extra sixpence myself!"

The Red Color of the blood is caused by the iron it contains. Supply the red iron lacking by using Milburn's Beef, Iron and Wine.

Thicken your piano singing; broaden without breaking your declamation. Practice various ways of singing same passages. Avoid monotony; let your emotional nature color your voice; practice the passions vocally. Learn to use your voice. Sit at anybody's feet. Delight yourself in finding out your failings. Try, try again. I know the temptation to rush at the result without waiting on the means, for I did it myself, and that's the reason I want you to hasten slowly.—Kennedy, the Scottish Vocalist to His Children.

A Severe Trial.

Those who endure the torturing pangs of Neuralgia, Rheumatism, Sciatica, Lumbago and similar complaints are severely tried, but there is a speedy relief in Hagar's Yellow Oil, as thousands who have used it testify. It banishes pain and lameness quickly.

Now that passiveness is so much the rage, ladies spend their leisure economically, if not profitably, in crocheting handsome ornaments for their spring gowns and wraps.

Brown Betty Pudding—Grease a dish, put in a layer of sliced apples, then a layer of bread crumbs, half a cup of sugar, little pieces of butter and cinnamon, and so on till the dish is full. Bake about two hours, set with cream.

Sore Throat.

This affection is now so prevalent that a few suggestions from a prominent physician may be of assistance in curing or preventing its attack. When a person feels that he is threatened with a severe attack of sore throat—he has a chill or is chilly, has pain in his back, head and limbs, etc., he should at once take the proper means to arrest it. Many people at such times will not send for a physician—the best way—but insist on doing themselves. For such we will outline the treatment which can safely be applied in the early stage of any form of severe sore throat or tonsillitis. The first thing to do is to take a mustard foot bath, hot as can be borne, and then get into bed. By that time the patient is generally feverish, and a sweat is advisable. Send to the nearest apothecary and have put to the following mixture: Sweet spirits of nitre one ounce; spirit of mace, three ounces. Of this take one tablespoonful in half a tumbler of water every three hours until the fever subsides. These we have advised for an absolutely Extra bland ketts should be added to the usual bed-clothing. In many cases under this treatment patients sweat profusely; others, however, do not do so freely, and yet the fever seems to abide very nearly as rapidly. It would scarcely be wise to continue the medicine advised more than twenty-four hours, at least not in such large doses; that length of time is generally sufficient for it to accomplish its purpose. We naturally expect patients in such attacks to be very restless and wakeful, therefore some quieting medicine will very likely be needed. If it is a five grain Dover powder may be given at bedtime, and repeated if necessary in four or five hours. On the following morning it will be advisable to take Claret's extract, to give a sedative power, or a more active cathartic. This, then, is the internal treatment to be applied, when a severe attack of sore throat, accompanied by fever, is threatened.

How to Keep Husbands.

A man loves to see his wife well dressed. When she goes about in tatters, with big shoes, untidy skirts, soiled collar and a halo of curl papers, if he doesn't swear he thinks it. I don't believe in the economy of home toilets. I never take a dress that is done for or wear it in the house. When the life is gone out of it it goes in the rag bag. I make a duty of nice linen with plenty of laces, and my house gowns are not old, they are not wrappers, and they are not ugly. Another hobby of mine is my hair which I will have as near the poet's conception of "her fragrant tresses" as possible. Then I have a whole lot of little devices.—I perfume my eyebrows and lips; keep my hands soft and cool, my teeth in good order, and I make my doctor prescribe for a sweet breath. But don't put that in the paper. I only tell you to give you an idea of the care required to keep a man in love with you. Men like to preach down extravagance, and style, and dress; but the woman who hangs her hair, polishes the shining of her face, hides a blemish, or wears under a piece of court plaster, who scans pretty gloves and stockings, trim slippers, perfumes, balms, cold creams, finger curls and fancy notions to increase her charms, is the woman who is admired every time. This long, long talk, I don't expect women will read about with their wholesome ugliness and cheap simplicity, but the procession of men who follow is not a long one.

Allow Him to Know Something.

In a certain private school there is a small, stout, chuckle-headed boy, whose ordinary gravity of demeanor, or some other circumstance not known to the listener, has given him the name of "the general"—a sobriquet which has become so common that even the teacher applies it to the youth. The other day, in class, the teacher questioned the "general" thus: "General, how much are four times seven?"

The general looked grave, dignified and chuckle-headed, as usual, but made no reply. Presently the boy very timidly asked softly in the neighborhood of his ear— "Thirty?"

"Thirty!" said the general, in a loud and confident voice.

"Ah, General," said the teacher, "you are a very good boy, but you must have told me 'Oh, no, sir, surely nobody didn't; I've known that this long time.'"

150,000 Milch Cows in Ontario.

At the meeting of the Fair and Exposition Convention in Toronto, Prof. Robertson, of Guelph, read a paper on the "Use of Exhibitions to the Dairy Industry." The Professor gave some interesting statistics. There are at present in Ontario 750,000 milch cows. The milk of 250,000 of these is manufactured into cheese, 250,000 contribute milk for butter and 150,000 give the milk which is consumed in the cities and country. The Professor suggested that in dairy shows the winners should be tickled by the judges with a card explaining why they were awarded prizes. This would be a valuable aid to breeders.

A Profitable Life.

Few men have accomplished the same amount of work and good in this world as the celebrated Dr Chase. Over 600,000 of his works have been sold in Canada alone, and with Liver Complaint, Dyspepsia, Headache, Kidney or Urinary Troubles, to buy a bottle of Dr Chase's Liver Cure, it will cure you. Medicine and Receipts Book \$1. Sold by all druggists.

An experience of more than twenty years of judicial life has taught me that more than seven-eighths of the crime committed in this country—which involve personal violence—were traceable to the use of intoxicating liquors. "That is all the sin and misery, of pauperism and wretchedness, intoxicating liquor stands forth the unapproachable chief."—Noah Davis, Chief Justice of the New York Supreme Court.

The Sanitary Farmer.

Afraid of the possibility of arsenical poisoning, he prefers the whitewashed wall to paper of any color. His cellar is light and dry, no mould discernible, no any evidence of vegetable or animal decomposition, and is whitewashed also. He, or rather his wife, does not suffer the offal from kitchen to be thrown out of door by window, but is carried to the sty, which, with the barn and manure heap are on a considerably lower level than the house or well, fearing to jeopardize the integrity of the water. Dripping bad smells, and careful of his well, he avoids the pit for his outhouse, and provides a stout box, properly placed, and periodically removed and emptied of its contents, which is covered with dry earth, previously supplied in quantity sufficient for constant use. He finds the combination a good and economical fertilizer; and, looking to the comfort of the females of his family, has in an annex to his house a similar arrangement for them, unwilling to expose them to the vicissitudes of the weather. He is a sanitary farmer; his wife an able cook; she says soap and water are excellent disinfectants; that cleanliness is as good for man as it is desirable for beasts.

Women in the Sleeping Car.

It is one of the inscrutable mysteries of life why the slowest and most "pernickiest" and most selfish of women generally obtain possession of the best sleeping room first, and holds it until the patience of every other woman in the car is about exhausted. Regardless of the comfort of others she washes, and powders, and puts up her hair, and lets out her bangs, and brushes her teeth, and manures her nails, and strangles her collar and cuffs, and all the rest of it with the calm deliberation of one who has nothing to do but loaf, and the whole day before her to do it, while her suffering sisters are waiting—waiting with unkept hair, and growing, her painful and selfish slowness. From all these, and the many minor miseries of a sleeping car, women pray to be delivered—though, by the way, they should do something more effective than paying. If nothing better could be devised in the way of accommodations, one great improvement could easily be put into practice, and that is to have a car for women to themselves. That alone would reduce the disagreeables of night travel very considerably.—Pittsburg Dispatch.

Judges are weary with calling attention to drink as the principal cause of crime; but I cannot refrain from saying that if they could make England sober they would shut up nine-tenths of the prisons.—Lord Chief Justice Coleridge of England.

Wall banners are hopelessly passé. Burnt orange is the shade of yellow that should be chosen for the fittings of a brunette's boudoir.

Drapery is more than ever in favor, but must be well chosen or the effect will be that of a color shop man. It is lawful, but not advisable, now to use more than six yards of ribbon in the ornamentation of one wicker chair.

The bullrush and the stock, like the poor, we have always with us—but they grow happily less frequent as the seasons roll.

The big tufted quilted stichets that make a perfumed lining for one's drawer are about the most tempting things a woman can put her hands to.

Elaborate frilled covers of silk and lace for cushions, toilet bottles, etc., are gorgeous, but far from cleanly, as they catch and hold dust world without end.

Knit rugs, tufted with zephyr, are handsome and rich looking, but so tedious that unless one has a young eternity of leisure the flame is hardly worth the candle.

It is now high fashion to let both holiday and wedding gifts be forth somewhat of your own handiwork, but as you love us, spare the plaque with golden rod or autumn leaves.

A table cover brought home by a traveler from India, a dull olive, still, with dead gold embroidery, is high in reputation and the despair of all beholders save its lucky possessor.

BLACK CAKE.—One pound each of flour, butter, sugar and citron, cut fine; two pounds each of raisins and currants; twelve eggs, one tablespoonful each of nutmeg, cinnamon and mace. Bake nearly four hours in a moderately heated oven.

ICE CREAM.—Made with cream is richer than with milk; with eggs it is better and richer without. The addition of starch or arrowroot injures.—1 qt. of milk or cream, 4 to 6 eggs, 8 to 14 oz. of granulated sugar. Beat the eggs and sugar well together, put the mixture in a tin can or pan, and set it to boiling water; when it boils stir in the eggs and let it just come into a boil, then strain and flavor with any desired extract or the juice of fresh strawberries, lemons, pine apple, etc.; put it in cold water to cool and let it freeze. A very good frozen milk is made by using a tin pail with a tight fitting cover put into a tub of ice or snow and salt. Whirl often, and scrape from the sides as fast as it freezes. Frequently stirring makes a fine grain. Less eggs may be used by substituting one tablespoonful of corn starch in place of each egg, moisten the starch with a little cold milk, and stir into the boiling milk, with the egg and sugar.

ELLY'S CREAM BALM GIVES RELIEF AT ONCE AND CURES FROM LUNGERING CATARRH OF THE HEAD. COLD IN HEAD. CATARRH NEVER HAY FEVER. Not Liquid, Swallow or Powder. Free from Lujars, Drugs and Offensives. HAY-FEVER. A particle is applied into each nostril and is agreeable. Price 5 cents at Druggists; by mail, 250 Greenwich-st., New York. 300-17

WOMEN THAN REPORTED.

You never hear of a bad carrier going to a millionaire and complaining that he is tired because he has been carrying bricks all day. He would get no sympathy if he did. But see how differently a man of position when he complains. One of our best and most hard-working judges went up to the bar of the club the other day to get a drink. He felt unable. "Give me a long drink. John, I am very tired. I have so many things to carry in my head in score that it tires me out." "I can sympathize with you, judge," said the kindly barkeeper. "I know how it is myself, carrying in my head all the drinks the boys order."

The Swiss temperance apostle, M. Rochat, is carrying on a vigorous crusade against intemperance in Paris.

FILLIPS.—One and one-half cups of sugar, three-fourth cup of milk, a piece of butter the size of an egg. Flavor with vanilla.

SHITANESS.—I should not think it right did I not give my testimony of what I know to be the value of Blood Bitters. Being a sufferer from Biliousness, I took one bottle of B. B. B. and it gave me immediate relief. I recommend it as a cure for Biliousness. Annie McLean, Woodville, Ont.

WASHINGTON CAKE.—Two cups of sugar, quarter cup of butter, three cups of flour, four eggs, half cup of milk, two teaspoons of baking powder; bake in two layers. Cream.—One pint of milk flavoured, one egg, two tablespoons of cornstarch; but fill thick.

The Hetic Flush, pale hollow cheeks and precocious appetite induce women Freeman's Worm Powders will quickly and effectually remove them. In

CARAMEL CAKE.—One cup of sugar, one-half cup of butter, one-half cup of milk, two cups of flour, two eggs, two teaspoons of baking powder, bake in two layers, put the filling between. The top may be frosted or you can add chocolate to the filling and the top.

Paine's Celery Compound. CURES Nervous Prostration, Nervous Headache, Neuralgia, Nervous Weakness, Stomach and Liver Diseases, Rheumatism, Dyspepsia, and all affections of the Kidneys.

WEAK NERVES. PAINE'S CELERY COMPOUND is a Nerve Tonic which never fails. Containing Celery and Castoreum, it is the best remedy for all nervous disorders.

RHEUMATISM. PAINE'S CELERY COMPOUND purifies the blood. It drives out the lactic acid, which causes Rheumatism, and restores the blood-making organs to a healthy condition. The true remedy for Rheumatism.

KIDNEY COMPLAINTS. PAINE'S CELERY COMPOUND quickly restores the liver and kidneys to perfect health. This curative power combined with the nerve tonic, makes it the best remedy for all kidney complaints.

DYSPEPSIA. PAINE'S CELERY COMPOUND strengthens the stomach, and quiet the nerves of the digestive organs. This is why it cures even the worst cases of Dyspepsia.

CONSTIPATION. PAINE'S CELERY COMPOUND is not a Cathartic. It is a laxative, giving easy and natural action to the bowels. Regularity surely follows its use. Recommended by professional and business men. Send for book. Price \$1.00. Sold by Druggists. WELLS, RICHARDSON & CO., Prop's Montreal, P. Q.

NASAL BALM. My wife suffered for five years with that distressing disease, catarrh. Her case was one of the worst known in these parts. She tried all of the catarrh remedies I ever saw advertised, but they were of no use. I finally procured a bottle of Nasal Balm. She has used only one half of it, and now feels like a new person. I feel it my duty to say that Nasal Balm cannot be TOO HIGHLY recommended for catarrh troubles, and am pleased to hear that all such sufferers know through its use they will receive instant relief and CURE. CHAS. MCGILL Farmer.

SAUNDERS & SON. Sole Agents for the Gendron Manufacturing Co.'s STEEL WHEEL BABY CARRIAGES! The Cheapest House Under the Sun!

As they may... An... relief... about... a... of... in... of... should... Moral... Mass... Castoria... Castoria... Castoria... Castoria... ODS!... LOP... SUITS... EGON... FIVE... Everybody... W'S... SEED... WINDSOR, Ont.