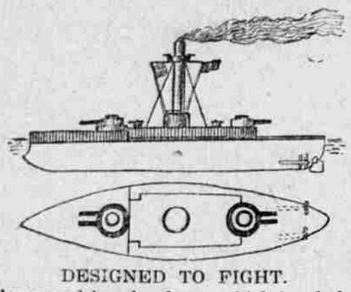
DESIGNED TO FIGHT.

WHAT A REAL BATTLESLIP IS LIKE.

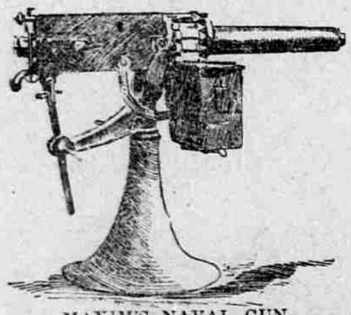
An Officer of a Monitor Is Responsible for a New Design That May Be of Great Value to the Navy—Not a Thing of Beauty.

The accompanying sketch was made by a naval officer who has had some experience on the larger monitors. It represents in a general way his conception of the ideal battleship. All ships are compromises, and this design departs materially from the well-known and approved monitor type in having a superstructure forward. This feature enables the ship to maintain



DESIGNED TO FIGHT.

her speed in a head sea, which is wholly impracticable with the ordinary monitor, although a sea abeam has but little effect on the speed of this peculiar craft. For about two-thirds of its length the design presents a freeboard of only thirty inches, which may be considered the monitor standard. The freeboard at the bow is ten feet. The twelve-inch guns are well located for sea work, being eighteen feet above the water line. The turrets are housed in barbettes. The height of each barbette above the deck is twelve and one-half feet. A leading feature is the conning tower, which is a tower in fact as well as in name. It has a height of twenty-seven and one-half feet above the water line, is twenty-five feet in diameter, and twenty inches thick. There is nothing equal to it now afloat.



MAXIM'S NAVAL GUN.
(It Works Automatically and Is Generally Kept in a Warship's Conning Tower.)

The conning towers on most ships are m... ..., and many commanding officers say they would rather take their chances on an open bridge than to occupy one of the alleged "conning towers."

The smoke pipe passes up through the center of the tower and receives protection from it. The smokepipe is utilized as a mast, and carries the usual fighting top and signal yard. The top of the smoke pipe is 100 feet above the water line, and as the fighting top is fifteen feet below the smoke outlet, the men at the top guns ought not to suffer any discomfort from smoke. The barbettes and conning tower rest on the main deck, which is two inches thick. The side armor is continuous and has a mean thickness of twenty inches, twenty-four inches amidships, tapering to sixteen inches at the ends. The depth of side armor is six and one-half feet. The thickness of armor on turrets, barbettes, and conning tower is twenty inches.

The length of the vessel on water line is 300 feet; beam, seventy feet; draught forward and aft, twenty and one-half feet; displacement, about 8,600 tons; twin screw; indicated horse power, 5,000; speed, about thirteen and one-half knots per hour; coal capacity, 500 tons; main battery, four twelve-inch and six four-inch guns; secondary battery, six six-pounder rapid-firing guns and two thirty-seven mm. Hotchkiss revolving cannon.

The sketch represents the ship cleared for action, the boats at other times being stored on the superstructure. The presence of a superstructure amidships adds much to the comfort of a monitor's crew and does not increase her size as a target, as bridges and other gear would incumber the space between the turrets and give the enemy as good a mark as does a superstructure. This point is illustrated by a comparison of the Minantonomah and the Amphitrite, the former having no superstructure. The model of this design is necessarily very full, otherwise the enormous armor weights could not be borne. The absence of eight-inch guns means a sacrifice of offensive power, but there is a corresponding gain in armor protection and in general simplicity. The ship can be commanded by one man and handled by a small crew. The designer believes that this ship, although costing not over two-thirds as much as the Indiana and being much cheaper to maintain, would be more than a match for the pride of the Hoosier state.

Could Be Fitted for Action.

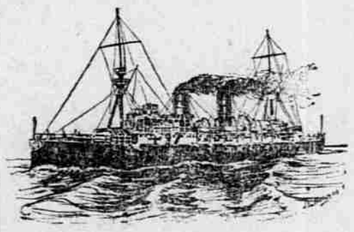
Attention has been attracted to the merchant steamships that are classed as auxiliary cruisers to the navy, and which could be fitted out in a short time so as to serve most effectively as commerce destroyers or as speedy transports for the handling of troops. The available steamships that could be utilized by the government would constitute a big fleet, and experts believe that it would prove of great service in the event of war with any country. The four big steamers of the American line, the St. Louis, the St. Paul, the New York and the Paris, are the largest ships of the number, and besides these there are the steamships of the New York and Cuba Steamship company, and the Mallory, Morgan, Red D and Panama lines. All of these vessels could be fitted out and prepared for duty in a very short time. They would be supplied with guns of the Driggs-Schroeder and Hotchkiss pattern, which are designed to throw a large number of small projectiles with great rapidity. Naval officers do not believe that all the available merchant steamships would be called upon to do duty as commerce destroyers. They believe that half a dozen of the fastest

JUDGE ADVOCATE MARIX.
(He Carried the Report of the Maine Inquiry to Washington.)

ones would be more than enough to wipe Spain's small commerce from the seas in a comparatively short time. The navy yard at Brooklyn could accommodate ten large steamships at one time if it were necessary to fit them out at short notice.

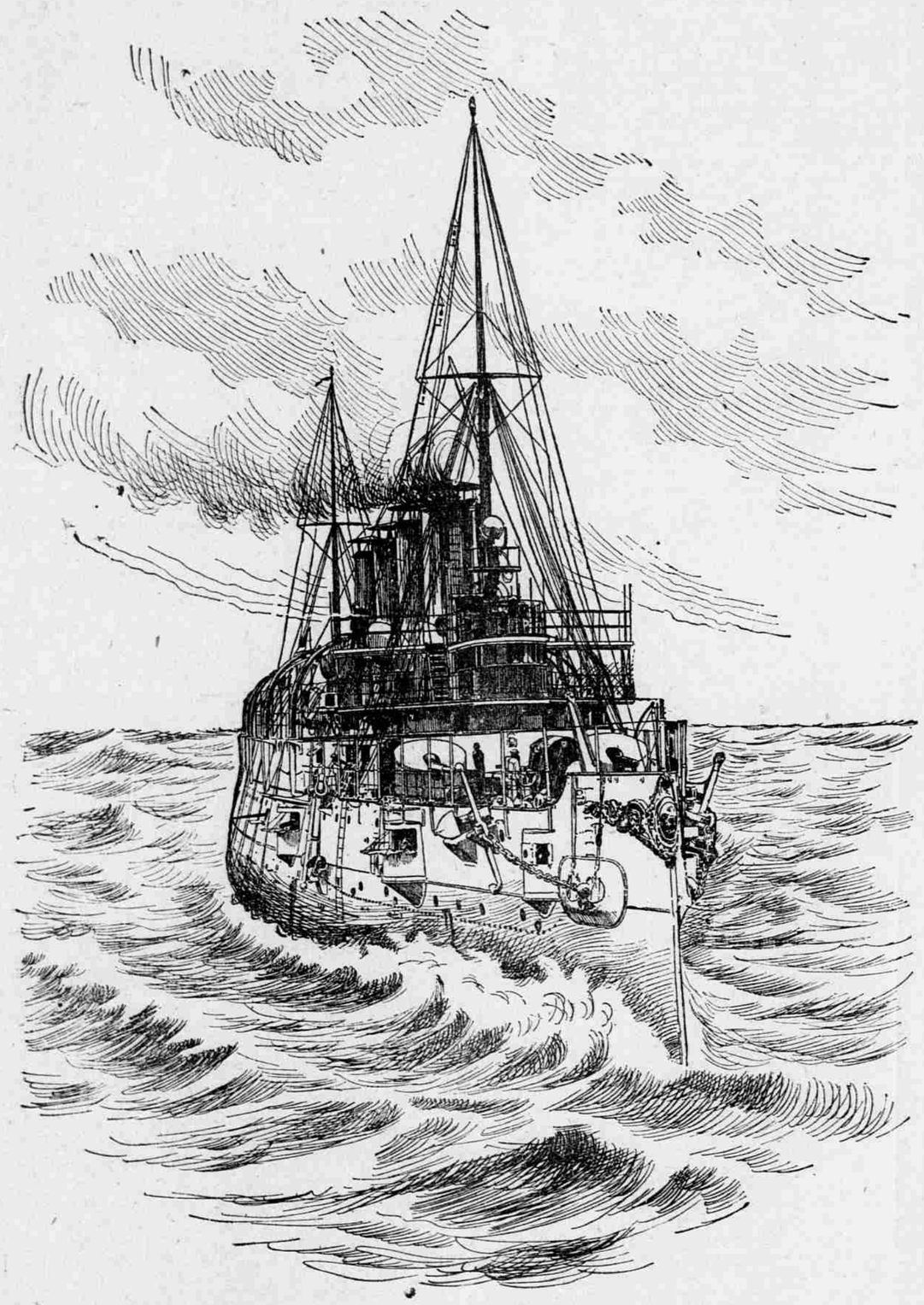
Horrors of War.

"War," said the old colonel, as he stirred his toddy, "is too terrible to contemplate. It should not be lightly spoken of, sir; it is a serious, sad affair. I have two graves in Virginia, one in Tennessee and three in Kentucky, and but for war the men who fill them would be living yet!" "Your sons, colonel?" asked the listener, in an awed voice. The colonel tossed off his toddy neat, and stroking his gray beard said: "No, sir; my substitutes; the brave men who fought, bled and



THE O'HIGGINS.
(Now Belongs to Chile, But May Be Purchased by Uncle Sam.)

died for me!" Then the listener coughed and observed that whisky was not as good now as it was before the war.



THE COLUMBIA, THE FASTEST VESSEL IN THE UNITED STATES NAVY.

Spring Medicine

These two words emphasize a necessity and indicate a remedy.

SPRING—the season when the blood is most impure as a result of the winter's closer confinement, higher living, slower action of the kidneys and liver; when humors of all kinds, boils, pimples and eruptions are most liable to appear; when the weak, languid condition of the whole bodily structure demands and welcomes help.

MEDICINE—that to which the millions turn at this season—Hood's Sarsaparilla. The *original* and *only* preparation especially adapted to the present needs of the human family; that which makes the blood pure and clean, as shown by its thousands of wonderful cures of dreadful blood diseases; creates an appetite and cures dyspepsia, as shown by its "magic touch" in all stomach troubles; steadies and strengthens the nerves, as proved by people formerly nervous, now calm and self-possessed, thanks to

Only those who have been relieved of great suffering can fully appreciate the gratitude with which the testimonials overflow written in favor of Hood's Sarsaparilla. Just read this:

"C. I. Hood & Co., Lowell, Mass.:
"Gentlemen:—"My first experience with Hood's Sarsaparilla was when I used it as a tonic and spring medicine. It did me so much good my faith in its merits became very strong. About two years later I had a running sore on my foot. It developed into erysipelas and affected the entire limb. At that time I was

Very Much Run Down,

as I had been troubled with dyspepsia. The drain on my system was so severe and my stomach was so weak I became a ready victim of malaria. I feared I could never regain my health. My stomach rebelled at the simplest food, and the medicines prescribed for me gave but little relief. I sent for a bottle of Hood's Sarsaparilla, and I had taken this medicine but three days when I began to improve. Continuing with it, I am now better and stronger than I ever expected to be. It has purified my blood and given good circulation. I have had no return of my old troubles since." MRS. W. KANE, Media, Pa.

Hood's Sarsaparilla is

The Medicine For You

Because of what it has done for others; because you ought this spring to take that which will do you the most good.

Hood's Sarsaparilla

America's Greatest Medicine, because it cures when all others fail. Be sure to get Hood's.

Fond Mother—Wonderful how ideas have changed since our grandparents days. Scarcely any one now believes in infant damnation. Bachelor—Brother—Umph! Your husband doesn't talk that way."—Brooklyn Life.

GAINED 22 POUNDS IN 5 WEEKS.

From the By-Stander, Macomb, Ill.

Alderman Louis W. Camp, of our city, has quite astonished his friends of late, by a remarkable gain in weight. He has gained 22 pounds in five weeks. Those of his friends who do not know the facts of his sickness will read with interest the following:

"I was broken down in health and utterly miserable," said Mr. Camp to our reporter. "I was unable to work much of the time and so badly afflicted with a form of stomach trouble that life was a veritable nightmare.

"I tried various remedies, but during the six months of my sickness I obtained no relief. I had always been a robust, healthy man and sickness bore heavily upon me.

"About two years ago I was advised to try Dr. Williams' Pink Pills for Pale People. I purchased one box and received so much benefit that I used five more and was entirely cured. *I gained twenty-two pounds in five weeks.* Since I stopped taking the pills I have scarcely had an ache or pain.

Interviewing the Alderman.

"Dr. Williams' Pink Pills restored me to health and I most heartily recommend them."

L. W. Camp on oath says that the foregoing statement is true.

W. W. MELOAN, *Notary Public.*

Following is the physician's certificate as to Mr. Camp's present conditon.

I am a regularly licensed physician of Macomb, McDonough County, Ill. I have very recently examined Mr. L. W. Camp as to his general physical condition, and find the same to be all that could be desired, appetite and digestion good, sleeps well, and has all the evidences of being in a good physical condition. SAM'L RUSSELL, M. D.

Subscribed and sworn to before me this 30th day of September, 1897.

W. W. MELOAN, *Notary Public.*

A wife never hates to ask her husband for money any worse than he hates to have her.

Beauty is Blood Deep.

Clean blood means a clean skin. No beauty without it. Cascarets, Candy Cathartic cleans your blood and keeps it clean, by stirring up the lazy liver and driving all impurities from the body. Begin today to banish pimples, boils, blotches, blackheads, and that sickly bilious complexion by taking Cascarets—beauty for ten cents. All druggists, satisfaction guaranteed. 10c, 25c, 50c.

To find his place and fill it is success for a man.

Coe's Cough Balsam

Is the oldest and best. It will break up a cold quicker than anything else. It is always reliable. Try it.

Cultivate a spirit of gratitude for daily mercies.

A girl's love affair gets tangled when she has too many strings to her bow.

Try Grain-O! Try Grain-O!

Ask you Grocer to-day to show you a package of GRAIN-O, the new food drink that takes the place of coffee.

The children may drink it without injury as well as the adult. All who try it, like it. GRAIN-O has that rich seal brown of Mocha or Java, but it is made from pure grains, and the most delicate stomach receives it without distress. ¼ the price of coffee.

15 cents and 25 cents per package. Sold by all grocers.

Tastes like Coffee
Looks like Coffee

Insist that your grocer gives you GRAIN-O. Accept no imitation.

IT COSTS NOTHING To get our new Catalogue. Hundreds of people save hundreds of dollars selecting Furniture, Draperies, etc., from it. Send for it. It gives prices and pictures.
ORCHARD & WILHELM CARPET CO., 1418 Douglas St., Omaha, Neb.

Dr. Kay's Lung Balm for coughs, colds, and throat disease

If afflicted with sore eyes, use **Thompson's Eye Water.**

Forgive your enemies and conquer your aversions.

Star Tobacco is the leading brand of the world, because it is the best.

Never argue on religion; our preacher is paid to do it for you.

Colorado Gold Field.

Colorado is the banner gold-producing state in the Union. Production in 1897 over $20,000,000. This year promises to exceed $30,000,000. New strikes are being made every day. Nothing like since the days of '49. Would you know all about these things? Then send twenty-five cents for a six-months' trial subscription to the "MINING WORLD," an eight-page illustrated weekly paper. Regular subscription, $1.00 a year. The newsiest mining newspaper in the world. Address "World," P. O. Box 1611, Denver, Colorado.

Life seems but a dreary ex-pants to the boy who has to wear his dad's made-over trousers.

Ask for Allen's Foot-Ease.

A powder to shake into your shoes. It Cures Corns and Bunions, Chilblains, Swollen, Nervous, Damp, Sweating, Smarting and Callous feet. At all Druggists and Shoe Stores, 25c. Sample FREE. Address Allen S. Olmsted, LeRoy, N. Y.

You can get into some secret societies only by degrees.

Educate Your Bowels With Cascarets.

Candy Cathartic cure constipation forever 10c, 25c. If C. C. C. fail, druggists refund money.

Realize worrying is an enemy which destroys your happiness.

Curly-haired dogs have some excuse for snarling.

NEVER GRIP NOR GRIPE.

There are lots of cathartics, some liquid, some pill-form, some good, some bad, but you will never use any of them after you have tried

Cascarets

CANDY CATHARTIC

Candy Tablets—C? Purely vegetable, so nice to eat, so smooth and easy in their effect, so reliable, never failing to cause a perfectly normal operation, that they are guaranteed to

Cure Constipation.

A booklet and sample free for the asking, or you can buy a box for 10c, 25c, 50c, at your drug store. Satisfaction guaranteed. 80

The Sterling Remedy Co. Chicago. Montreal. New York.

NO-TO-BAC Sold and guaranteed to cure Tobacco Habit by all druggists.

We delight to do an early friend a good turn. The working parts of **ANY AERMOTOR EXCHANGED FOR A ROLLER BEARING**, zephyr-running, ever-going, everlasting, power-doubling, **UP-TO-DATE '98 MOTOR, 8 FT. FOR $6;** 12-ft. for $12; 16-ft. for $30. They run like a bicycle, and are made like a watch, every movable part on rollers. Doubles geared mill power. The Aermotor ran when all other mills stood still, and made the steel windmill business. **THE NEW BEATS THE OLD AS THE OLD BEAT THE WOODEN WHEEL.** On receipt of amount, revised motor (but not wheel or vane) will be sent to replace old one then to be returned. Offer subject to cancellation at any time. If your old wheel is not an Aermotor, write for terms of swap—new for old—to go on old tower. You can put it on. Aermotor Co., Chicago.

NOW FOR NEVER!

FOR 30 DAYS MORE YOU CAN TRY IT FOR 25 CENTS.

5 DROPS [Trade Mark.]

Rheumatism, La Grippe. In Better Health Than for the Past Fifty Years.

Swanson Rheumatic Cure Co., Chicago. Dear Sirs:—It is just about one year ago when I first commenced using your "5 DROPS" for Nervous Rheumatism, Catarrh in the head and Bronchitis. I was so bad that I could not eat at all, in bed or anywhere else: my Nerves were all in a quiver, and my Liver and Kidneys were all out of order: in fact, I was so bad that I had to raise up in bed from five to twelve times in one night to get my breath and to keep from choking. **but to-day I am heartier and in better health than I have been for the past fifty years.** Others are using it here with wonderful results and still more calling for it.

Yours truly, GEORGE YEAGER, Portland, Ind., Feb. 17 1898.

IT IS THE BEST RHEUMATIC MEDICINE ON EARTH.

Swanson Rheumatic Cure Co., Chicago. Gentlemen:—I received the order all right, for which I send thanks. I am still taking the "5 DROPS," and am gaining every day—**haven't felt so well for ten years.** I have used all kinds of medicines, **but have never found anything that has done for me what "5 DROPS" has.** Our stage-driver brings my medicine to me from Sharon, and he brings it very carefully, for **he thinks there is no medicine on Earth like "5 DROPS."** He is using it for Rheumatism: he has only used it for three weeks and it has done wonders for him. He couldn't harness his horses without sitting down a number of times, and it has stopped all the pain in his limbs.

MRS. GEO. H. ROWELL, Strafford, Vermont, Feb. 18, 1898.

"5 DROPS" cures **Rheumatism, Sciatica, Neuralgia, Dyspepsia, Backache, Asthma, Hay Fever, Catarrh, Sleeplessness, Nervousness, Nervous and Neuralgic Headaches, Earache, Toothache, Heart Weakness, Croup, Swelling, La Grippe, Malaria, Creeping Numbness.**

FOR THIRTY DAYS LONGER to enable sufferers to give "5 DROPS" at least a trial, we will send a sample bottle, prepaid by mail, for 25 cents. A sample bottle will convince you. Also, large bottles (300 doses) $1.00, 3 bottles for $2.50. Not sold by druggists, only by us and our agents. **Agents wanted in new territory. Write us to-day.**

SWANSON RHEUMATIC CURE CO., 167-169 Dearborn St., CHICAGO, ILL.

Our responsibility has been established by 21 years of fair dealing. In buying a

Columbia

Hartford or **Vedette**

You know your bicycle is all that is claimed for it.

POPE MFG. CO., Hartford, Conn.

Catalogue free from any Columbia dealer, or by mail for one 2-cent stamp.

BIG G Trade Mark. CURES in 1 to 5 days. Guaranteed not to stricture. Prevents contagion. THE EVANS CHEMICAL CO. CINCINNATI, O. U. S. A. Price $1.00

CURE YOURSELF! Use Big G for unnatural discharges, inflammations, irritations or ulcerations of mucous membranes. Painless, and not astringent or poisonous. **Sold by Druggists,** or sent in plain wrapper, by express, prepaid, for $1.00, or 3 bottles, $2.75. Circular sent on request.

SEND FOR A BICYCLE High Grade '98 Models, $14 to $40. **GREAT CLEARING SALE** of '97 and '98 models, best makes, $9.75 to $18. *Sent on approval without a cent payment.* Free use of wheel to our agents. Write for our new plan "How to Earn a Bicycle" and make money. SPECIAL THIS WEEK—40 high grade '97 models (slightly shopworn), $10.75 each. "Wanderings Awheel," a souvenir book of art, FREE for stamp while they last.

K. B. MEAD CYCLE CO., CHICAGO.