FLOATING NAVAL BATTERY FOR DEFENSE OF COAST

Multi-millionaire Anson Phelps Stokes has consented to give additional details concerning his latest plans for an impregnable floating naval battery for harbor and coast defency.

Naval officers, shipbuilders and naval architects are giving the Stokes' scheme to Mr. Stokes' naval scheme which is a departure from existing designs as radical as was the monitor.

The machine described by Mr. Stokes is an improvement of his first invention. The first plan was for a circular battery; the modified form is semi-globular. Mr. Stokes has named his island of steel, with its equipment of guns of awful destructive power, the "Cerberus," and has protected himself with patents at Washington and in Europe.

Mr. Stokes has long been known as a philanthropist. Three of his sons have been prominent for years in charity work, one of them, Anson Phelps Stokes, Jr., being a clergyman.

Mr. Stokes said of his invention:

"The late naval battles make it evident that for a battleship to be a power and for the proper protection of our coasts and our officers and crews in battle, there must be something more powerful than the present 16,000-ton battleship, with its 12-inch guns and insufficient armor, and that only the very foremost nations will be able to maintain such effective fleets.

"With the increase in size and power of new types of battleships and naval batteries may come the naval supremacy of America alone.

"Nations weak in battleships may but the idea of commerce destroyers, but that barbarous system of waging war must be destroyed as were piratecring and piracy. Commercial vessels are now built more larger than the largest battleships. But more and more artillerlaships are sure to be built and more powerful guns. Land fortifications cannot now be made sufficient to protect our ports.

"How dangerous will be the position of New York and other large cities when attacked by naval guns having a range of twenty miles or more? We do not provide adequate coast defense ships. What would the captains of our foreign merchant vessels benefit an enemy or injure us as compared with the engines of war our great cities by a battle fleet?"

Mr. Stokes then described his invention in detail.

"One such semi-globular battery," said Mr. Stokes, "could defend a blockade an important strait, could protect the mouth of a transcontinental canal, of Gibraltar almost any large seaport, and could safely resist more than a dozen of the largest battleships, which cost $7,500,000 apiece.

"As the purpose of the Cerberus is defense rather than aggression. It is not necessary that it be able to move rapidly from one place to another. Should the Cerebus need to move quickly to a distance, an armored cruiser could be used and save the employment in towing her. The two vessels might sometimes be used together as a small squadron. The roll of the Cerebus in a gale would be very slight.

"The naval powers know the exact position of the large guns in our coast fortifications, but it is easy to change its position.

"When the great struggle comes for the control of the Windward Passage, that key to the Caribbean and to the Panama canal, which we may be called upon to defend, the existing type of battleships may be found insufficient, and land fortifications and mines will not suffice, for the Windward Passage is wide and deep, as are also the other entrances to the Caribbean Sea."

Mr. Stokes concluded by saying he was planning a still larger battery with less armament and a larger number of guns.

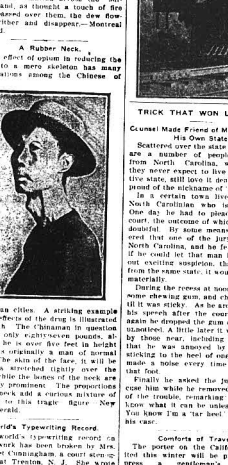
FLOWERS THAT TELL TIME.

Punctual to the Minute in Closing Their Petals.

There are flowers that act as timekeepers for those who have by observation studied their ways and habits, and so punctual are they that laborling men in some countries tell from them when "one hour for dinner" or leaving work has come; while in certain districts the school children are said to be dismissed when the great yellow dandelion, which it does punctually at the same time every day. The gardener to a millionaire has provided a flowerbed in the shape of a circular flower bed, with twelve divisions. Each of the divisions, from one to twelve, contains flowers which open or close at the corresponding hour. Thus the two spaces occupied by a ill, made of hawkweed, which closes at 2 p. m., precisely and so on. He had no difficulty in finding flowers to suit the several hours, and in some hours had the choice made of more than one flower. Amongst the flowers used are the snow thistle, blue chicory, pimpernel, marigold, Star of Bethlehem, and evening Primrose. The flower bed contains some the most unique greenhouse for flower cultivation in the world, the heat being obtained from the natural hot springs, or geysers, the water of which issues from the earth at a temperature near boiling point. The most rare flowers are the dew flowers of the Death Valley in California. Heavy dews are wafted by the winds from the Pacific ocean over the parched plain, and an hour or two after sunrise, when the moist sand, with its under current of water, gives up to the dew flower. When the light begins to glow in the east, myriads of tiny pink flowers burst into bloom, covering the land for the few minutes they are destined to live. The sun ray come slanting across the surface, and, as though a magic wand had passed over them, the dew flowers wither and disappear.—Montreal Herald.

A Rubber Neck.

The effect of opium in reducing the body to a mere skeleton has many illustrations among the Chinese of



TRICK THAT WON LAWSUIT.

Counsel Made Friend of Man from His Own State.

Scattered over the state of Arkansas are a number of people originally from North Carolina. Some of them they never expect to live in their native state, still love it dearly, and are proud of the nickname of "tar heel."

In a certain town lives a person of North Carolinian who is a lawyer. One day he had to plead a case in court, the outcome of which was very doubtful. By some means he discovered that one of the jury was from North Carolina, and he felt sure that if he could let that man know, with not exciting suspicion, that he was from the same state, it would help him materially.

During the recess at noon he bought some chewing gum, and chewed it until it was sticky. As he arose to make his speech after the court reconvened again he dropped the gum on the floor beneath his table, and he felt sure that by those near, including the judge, that he was annoyed by something sticking to the sole of his shoe that made a noise every time he moved his foot.

Finally he asked the judge to excuse him while he removed the cause of the trouble, remarking, as he did, "I know what it can be unless it is tar. I do know I'm a tar heel." He won his case.

Comforts of Travel

The porter on the California limited, who is reading a magazine in a press a gentleman's trousers, while he waits. This is a new wrinkle, introduced for the benefit of fastidious dressers. It isn't absolutely necessary to carry along an extra pair of trousers, either; the porter works while you sleep.

On this transcontinental train daily market reports are received by wire; there are latest morning and evening newspapers issued en route, one hundred in library of western books and current magazines. A Whitley exerciser for those who wish to keep up their athletics and electric curling irons for the ladies are other travel comforts.

The Santa Fe intends to keep its fast flyer at the front.

Scientific Tanning.

Tanning is to be put on a strict's scientific basis. Two Germans, Dr. Popp and Heinrich Becker, found that most fifty kinds of tanning stuffs are present in the process of turning hides into leather. They examined them and experimented to see what each of them accomplished. Thus their discovered the kinds which were perfectly useful in the making of good leather, and by cultivating and multiplying them they achieved useful results.

When Your Grocer Says

he does not keep a certain article, you may be sure he is afraid to keep it on offer. Mr. Jas. H. Ross, grocer, Toronto, sells Defiance Starch is not only better than any 10c starch in the market, but contains 16 oz. to the package and sells for same money as 12 oz. brands.

At last we have word from our old friend Wu Ting Fang, former Chinese minister to the United States. The empress has allowed him to ride horseback in the Forbidden City.

Railroads are instructing their employes in the use of fire extinguishing methods. Better adopt a plan of not injuring so many.

ELECTRIC LOCOMOTIVE FOR NEW YORK CENTRAL AND HUDSON RIVER RAILROAD COMPANY.

The most powerful electric locomotive in the world has just been completed for the New York Central and Hudson River Railroad in the shops of the General Electric Company and the American Locomotive Works at Schenectady, N. Y.

This locomotive is one of between thirty and fifty which will be used by the New York Central & Hudson River Railroad Company for hauling the through passenger trains within the Electrical Zone from Grand Central Station through the Park Avenue tunnel to Croton on the Main line, a distance of 34 miles, and to West Philmont on the Harlem Division, a distance of 24 miles.

This will be the heaviest steam railway passenger service which has ever been handled by electric locomotives. With one of these locomotives trains of ten or more cars will be hauled at express speed of 60 to 70 miles per hour, and the design and method of control are such that two or more locomotives can be coupled together and operated by a single engineer from the leading cab, so that the size of the train that may be under the control of one engineer is practically unlimited so far as the question of motive power is concerned.

For purpose of testing this locomotive, six miles of the New York Central track between Schenectady and Hoffmans has been equipped with a third rail. The track is practically straight and ballasted to permit maximum speeds of 70 to 80 miles per hour being attained.

The power is transmitted at 11,000 volts to the locomotive from a transformer station along the Erie Canal to about opposite the Mohawk Station, where it crosses the Mohawk River on high towers.

This power station, transmission line, sub-station equipment and the six miles of track is, undoubtedly, the most complete testing plant ever provided for trial of electric railroad motive power, and with the facilities afforded, in addition to testing the new locomotives, much interesting and valuable Electric Railroad information will unquestionably be obtained.

DOLL COULD NOT SLEEP.

Erstwhile Pet Barred From "Nature's Sweet Restorer."

Small Nancy, aged four, had a doll to which she was devotedly attached. It could open and shut its eyes, and every night Nancy would put it to bed with her, carefully closing its eyes before the light was turned out. One day the doll, as dolls from time immemorial have been known to do, met with an accident which also set the eyes shutting mechanism out of business and left it with not only widely and permanently opened orbits, but badly damaged ones as well. At intervals during the remainder of the day Nancy pleaded to have her dolly restored, but nothing was successful. At bedtime she hid her doll under her nightdress and started for her little bed, but remember as she had promised her adored doll and reminded her of it, saying:

"But, Nannie, you've forgotten your baby; she won't be able to sleep unless you take her to bed with you as usual."

To her mother's answer astonishment and chagrin the little contemplator took over her shoulder at the doll, resnubbed on a chair, and said:

"Well, mamma, I guess she can't sleep anyway; who ever heard of any creature sleeping with their eyes wide open?"

Do you love the mountains? Do you like to travel the trail that leads to the top of the world? Read Edward White's latest work, "The Mountaineer" is for you. It is an enthusiastic description of a trip made by the author through the Sierras. Mr. White is a good writer and you cannot help but miss the hours in his company this book offers you. It is also full of helpful suggestions. Regret to the shoes and little details of mountain and forest life which you must know. (McClure, Phillips & Co.).

Suffering.

What would the advertisement writer do without the one "tag" asked a man who studies advertisements. He's been long been used to sheetings and pillow cases and dress coatings and vestings have lost their charm. Now a clothing retailer stores announces that it will sell waistings and blouses, a hat store sells hose of collarings and cuffings at a great discount or a mark down sale of boyings and girlings.

To the housewife who has not yet become acquainted with the new things of value in the market, and who is reasonably satisfied with the old, we would suggest that a trial of Defiance Cold Water Starch be made at once. It will convince her it is guaranteed by the manufacturers to be superior to any starch she has ever used, each 16c package contains 16 oz., while other 10c packages contain only 12 oz., and it is safe to say that the lady who once uses Defiance will use no other. Quality and quantity must win.

Andre Has No Military Bearing.

Gen. Andre, who has been forced out of the position of minister of war in the French government, is a man of unusually expressive. Tall, thin, with a long nose and lean face, he cut a poor figure beside the smart officers he had to command. He is critcal a family man.

Skin-tight trousers are coming into style again. Bow-legged men will find it harder than ever to dress.

Bank Benefited by Advertising.

Does it pay for banks to advertise? Five years ago seven banks in Pittsburg, Pa., began to advertise, and recently they measured the results by comparing their business with that of banks that did not advertise. In the five years the banks that sought new business through printer's ink gained 84 per cent in assets and 45 per cent in deposits. The other banks gained 27 per cent in assets and 11 per cent in deposits. During the last year the former gained 22 per cent and the latter but 7 per cent in deposits. The question whether it pays to advertise may not be entirely answered by such figures, but they are calculated to provoke thought.—Springfield, Mass. Republican.

Still Young at 90 Years.

The Barnum circus celebrated now over 90 years old, is still in excellent health and sustains the world-wide belief which has always been one of her leading characteristics. Like that stone, she is still young, active and well, and declares that in all her long life she has never been sick a day or a night's sleep. She is looking now fearfully well and even yet her self satisfied smile is in evidence. Dressed in pretty modern clothes, with a black silk apron and lace mitts, when she receives visitors in the after noon she is a wonderful example of the present and the past.

Woman in Toledo School Board.

Mrs. Pauline Steinem, described as the most prominent Jewess of Toledo, Ohio, and a school teacher, who defeated Mayor Sam Jones, has been elected to the city's school board. She ran 700 votes ahead of her ticket and her plurality was about 6,000. The total number of Toledo women registered as voters this year was 3,592, but they electioneered zealously for Mrs. Steinem and contributed $110 for her campaign expenses.

Judge Parker Begins Well.

One day after handing off his absinthe as a lawyer in New York city forms of Judge Alton B. Parker received two commissions in quick succession in the supreme court. Justice O'Brien was named by the court to appraise the value of property to be acquired by the city in connection with certain piers on the East river, two separate commissions being named and each fixing with $5,000 — $7,000.

Youth of Governor-Elect Douglas.

One in Columbus we still remember Governor-elect Douglas of Massachusetts, who, when a young man, contributed a column to the Columbus Dispatch. He also was a little wooden shack which he called a shop. Now the Crawford house is now owned, and his shack tenement little dreamed that "Will" Douglas would one day be among the leading shoe manufacturers of the world. He was nothing but becoming of of exercise of the old bay state.

Increase in Railroad Mileage.

Railroad mileage in this country is increasing at the rate of about 1,500 miles a year. With this increase in railroad mileage the demand for steel rail will be correspondingly greater. The last great building construct in New York was the bridge and iron girders was the Waldorf hotel and yet this building is only twenty years old. Twenty years ago the line that has gone up since that last been constructed with steel.

Quiet Life of Famous Actress.

Eleanora Duse, the famous Italian actress is peculiarly sensitive and highly strung. When she is not playing or rehearsing she spends her time in perfect rest and lives in almost unlike seclusion. She has a company of the actresses her journey and engages rooms for her at hotels. This woman has Duse's apartments, are at the back of the hotel and, if possible, overlooking a garden, for she dreads the street sounds and sights. The furnishing of her room is important. Everything must be scrupulously clean, serene and quiet, her highly strung sensitiveness cannot tolerate the distraction of pictures and ornaments.

Connubial Bliss.

Congressman Fitzgerald's latest story is of an Irish couple in Boston whose connubial bliss was occasionally disturbed by violent misunderstandings. They were devoted to their way, however, and when the husband died he left a temporarily inconsolable widow. A friend dropped in to see how she was getting along, and in the course of a chat remarked: "I'm glad to hear that poor Mike died happy. Sorrowful as I am for his loss, I'm pretty, was the reasonably cheerful reply. "Sure the lasht thing he done was to crack me across the head wid a medeline bottle, the darlin'."

Cold Water Is Better Economy.

Cold water is still remember Governor-elect Douglas of Massachusetts, who, when a young man contributed a column to the Columbus Dispatch. He also was a little wooden shack which he called a shop. Now the Crawford house is now owned, and his shack tenement little dreamed that "Will" Douglas would one day be among the leading shoe manufacturers of the world. He was nothing but becoming of of exercise of the old bay state.

Defiance Starch.

Defiance Starch is not only better than any 10c starch in the market, but contains 16 oz. to the package and sells for same money as 12 oz. brands.

Yours Pleasantly.

Young Thaw of Pittsburg is as soft as his name.

The English Language.

"Would you say a flock of fish?" asked a Frenchman.

"No. You would say a shoal of fish," was the American's reply.

"Could you say a flock of oxen?"

"No. A drove of oxen."

"A flock of bees."

"No. A swarm of bees."

"Really," said the Frenchman, "this is confusing to me.

"I don't wonder that it is," the American returned. "Every different crowd there is a different word in our language. This—we say a crowd of partridges, a bevy of quails, a nide of pheasants, a flight of doves, a wisp of snipe, a nest of peacocks, a brood of grouse, a siege of herons, a building of rooks, a shast of plovers, a watch of nightingales, a clattering of thrushes, a pack of wolves, a cast of hawks, a herd of swine, and so on. In the technical books on sports and hunting you will find that every crowd of birds and of animals has its own special name. These special names well trained sportsmen always use."

Every housekeeper should know that if they will buy Defiance Cold Water Starch for laundry use they will save not only Five Cents but never sticks to the iron, but because their packages contain 16 oz. instead of 12 pound—while all other Cold Water Starches are put in 12 pound packages, and the price is the same 10 cents. Then again because Defiance Starch is 16 oz. it goes further than other 12 pound starches. If your grocer tries to sell you a 12 oz package, tell him you want a stock on hand which he wishes to dispose of before he puts in Defiance. The Expert laundry Starch has been printed on every package in large letters and figures "16 oz." Demand Defiance and save much time and money and the annoyance of the iron sticking. Defiance never sticks.

Ever See One?

Did you ever see a one-legged man with his hands in his pockets? Few people have. Yet he is no different from the other morning there walked a man whose right trouser leg project, of what seemed to be a length of lead pipe. By shoveling backward, sailor fashion, he had managed to get his hands in his pockets and he stumped merrily, oblivious of the stares of those he passed. Chicago Inter Ocean.

The Children's Lucky Star.

Papa—Sometimes I think the pleasure of children is concerned has been the collaboration of Mr. Jack MacDonnell and Miss Anna Alice Chapin on Italian in Toyland (Fox Duffield & Co.) Mr MacDonnell is a son-in-law of Joseph Jefferson, whose Rip Van Winkle he has given a delighted young audiences as well as old. Miss Chapin is the author of "The Green Rose" and "The Ghost" written when she was herself little more than a child.

"Traffic and Discovery" by Rudyard Kipling is the first volume of collected Kipling stories since "The Jungle Book." It ranges from the mystically beautiful "They" to soldier stories like "The Captive" and "The Copper," with one long tale, "The Army of a Dream." not previously published. (Doubleday, Page & Co.)

Try me for just once. Tell I am some again. Defiance Starch.

Stiffness of Joints.

Stiffness of joints is due to a deposit of uric acid in the joints. Hood's Sarsaparilla has cured many cases of this disease. Take it now.

Ethel—Do you think Jack Dashaway is a good dancer?

Mabel—Well, I should say he is. He's the only man I ever knew who could dance with a pair of crutches.

Dr. Chase's Ointment.

Dr. Chase's Ointment is a specific for Itching Piles. Druggists sell it.

Ethel—Why do you call Mr. Bachelor a fast man?

**Mabel—Because he is so slow