A WAVE EGG.

Novel Means of Pumping Water at New Jersey

New Jersey Resort. Underneath the pier of the Bond Wave Power Company al Cean Grove, N. J., a mammoth iron egg floats upon the top of the waves. In mild weather the egg bobs up serenely, rising to a height of about 14 inches above the dead level of the sea, but when the weather is rough and great rollers come rushing in, the egg rises forcefully upward 5 feet or more. It cannot get loose, for it is made fast to the pier by long, strong arms of iron. Up from the top of the mammoth egg a rose runs, and after it has passed and at last enters a wooden building sit-uated upon the beach. In the building is a pump, and the rope is in connection with it. The pump is lifting about 8,000 galloas of water a minute, raising it dis-ances equivalent to the height of the waves. The explanation of the apparatus and

The super lifting about 8,000 galons of water a minute, raising if distances equivalent to the height of the waves.
The explanation of the apparatus 8,000 galons of water a minute, raising if distances equivalent to the height of the waves.
The explanation of the apparatus 8,000 galons of water a minute, raising if distances equivalent to the height of the work it is doing is that Mr. N. O. Bond, whose namesake the Bond Wave Power Company is, has successfully completed an experiment undertaken primarily to determine if it were possible to make the ocean, by the motion of its waves, pump enough of itself into Wesel water. There are people living in about a condition of the waters of the waters of Wesley Lake to make that lake a body of salt water. There are people living in about a sources of the waters of Wesley Lake are in swamp lands, judge that this water that the sources of the waters of wesley Lake are in swamp lands, judge that this mong the ballast between the sleepers, and which begins to register the moment it making Lake Wesley salt, and hee care that it is put with the twave experiment. He says that he will have no difficulty in making Lake Wesley salt, and hee care of the arish reaches gasses a value and sets a spring vibrating. The wheel acts similarly upon the other pedials, and there suit is that three marks are made upon the other pedials, and there suit is that three warks are made upon the cylinder, which fidthe that its built with wave egg which is in was as the more private which makes the substance by were do the stars interfered with by the great storm of stars. The wave ment, it will be say that the grinder, which index the interfered with by the great storm of substance by weather and that it is built with wave egg which is it was weather and that it is built with wave egg which is it was weather at the grinder. Substance by weather and the grinder, which indicate the begin is perfectly the grinder which is built with wave egg which is in was as the motion of the substan

ment by neavy weather as the wave gate was. The new machine may be used where-ever waves rise and fall, and there need not necessarily be a pier to hold it to its work. It may be kept in place by piles quite as well as by a pier, for, while the force of a great wave is immense, it is not so exerted upon the egg as to give a shock, such, for example, as the shock of a canon ball.

shock, such, for example, as the of a cannon ball. The wave egg may be made as its uses may demand. The one in operation at Ocean Grove has a major diameter of 10 feet, a minor diameter of 7 feet, and its weight, conjoined with the arms by which it is fastened to the pier, is about two tons. The length of the arms is 33 feet. --[NewYork Times.

Recovered from the Deep.

Recovered from the Deep. Dredging operations now being carried out at Santander, Spain, have resulted week of a warship of the fifteenth or sixteenth century. She must have been in her present place for 400 years and was partly covered by a deposit of sand and mud. Divers have brought up guns which bear the united arms of Castile and Aragon, the scroll of Isabella or the grown and initial of Ferdinand. This ship would appear to have been employed as a transport, and inasmuch as some of the arms are of French and Italian make it is supposed that she formed part of the Gorardo de Cordoba. She probably foundered while entering the port of Santandar on her return from Italy laden with trophies and plunder. Among the ion recovered are some bearing the im-age and superscription of Charles VIII. of France, and other issued by various contemporary Italian States.—[Cham-bers' Journal.

Filling Nail-Holes.

Filling Nail-Holes. Carpenters and panters have frequent defects in the woodwork of houses. Putty is the substance relied upon to do this work, but there are objections to its substitute: Take free substance relied upon to do this substitute: Take free substance relied upon to do this for thirty years with unvarying suc-free correspondent says he has followed this for thirty years with unvarying suc-front substitute below, which is the most severe test known. Of then by frequent attachment of new leather to old belows frames the wood becomes so for the substitute of there was the re-maining holes would allow the air to such a the invariability does the work, while lead, putty and other remedies iows. The Czar and His Titles.

numbers. For example, 91 is obtained by multiplying together the prime num-bers 7 and 18, and to a person of his temperament, 91 is an unpleasant number. I have little doubt that persons so con-stituted object to living in a house bear-ing a prime number. The unlucky 18 is, of course, such a number. Persors who nourish this strange antipathy are do bt-less of a strong mathematical turn. They probably get an unconscious pleasure from contemplating numbers that easily separate themselves into whole factors, and of course miss that pleasure in prime numbers. To the ordinary man it does not occur that 86 is four times 9, but to the man of mathematical turn this fact is ever present. To the unmathematical all numbers, when casually considered, are sprimes, so that true prime numbers pre-sent to their minds nothing anomalous.-New York Star.

An Ingenious Indicator of Speed.

Every one who has attempted the task knows that it requires a particularly deft touch to mend a rent in a glove success-fully. In the picture of Hilda, the hero-ine of the Marble Faun, engaged in mending her gloves, Hawthorne draws attention to the grace of this peculiarly feminine task. The best glove menders in the world, unfortunately for this senti-ment, are men. "professional clove-sew-

feminine task. The best glove menders in the world, unfortunately for this senti-ment, are men, "professional glove-sew-ers," who handle the kid and needle with methodical dexterity. A rip is a simple matter with them; it is in mending a tear in the kid that they show their skill. The color of the glove is carefully matched in silk taffeta or any silk goods of firm, light quality, and in sewing silk. A piece of the silk is run on the inside carefully under the rent so as to bring the edges together, but not so as to show on the outside of the glove, and the edges of the kid are then drawn together by almost invisible stitches, as a cloth mender mends cloth. Troperly rubbed with the finger, the rent hardly shows if it is not in a place whore the stitches are stretched when the love is worn. Even this the slik be-neath tends to prevent. After a little persverance any one can catch up this art of glove mending and learn to do the work with something of the skill of an ex-pert. A rip in the stitching even may be 'stayed' with a bit of silk, where it is caused by a special strain, and may be kept in this way from breaking out again. __New York Tribune.

Growth of American Cities.

Growth of American Cities. It is clear that the cities of the United States have grown fast enough, although the larger of them have scarcely equaled the general rate of increase throughout thes more than one city containing a mil-lion inhabitants, not even the great British Empire with 1ts 300,000,000 peo-ple and one-sixth of the land surface of the globe. The estimates which gives other Chinese cities than Canton 1,000,-000 inhabitants or upward are unreliable, and not to be placed beside census figures. There are now certainly two cities in the United States which have more than one million inhabitants, and Chicago, thanks to the annexation of great snubrand dis-triets, will probably either pass Phila-delphia or be right on the heels of the Quaker City, making three American to the subscheme the million line. New York, Philadelphia and Chicago together have more people than there were in the United States at the close of the Revolu-tion. Ten cities of the Great Republic have nearly 7,000,000 inhabitants, and a backer's dozen can be picked out with about as many people as there are in Trienad, Greece and Denmark com-bined.—[Cleveland Leader.

NOTES AND COMMENTS

<section-header><section-header><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>

duces some fine oranges, pineapples, and cocoanuts, but little attention is given to the raising of these fruits, and ship-ments are small and infrequent.

Parkhurst, is sufficiency or fullness.
Parkhurst, is suffici

A GYPSY ON DREAMS.

Where proof's so easy, can you afford to doubt? Little but active—are Dr. Pierce's Pleasant Pellets. tle, yet thorough. They regulate and invigorate the liver,



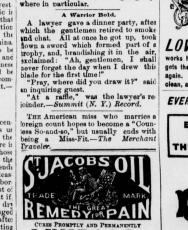


THE DEPENDENT PENSION BILL THE DEL LID soldiers, Shilors and their Widows and Children. Pre-cut Pensions Incremsed. Write invediately stating your case. J. C. DERNODY, Attyset-law, Chaunce Building, WASHIN (TON), D. C.



grow fair in the light of grow fair in the light of their works. especially if they use SAPOLIC: It is a solid cake of scouring it is a solid cake of scouring purposes. All grocers keep it to please her household state to please her household state works herself to death in the effort. If the house does not look as bright as a pin, she gets the blame—II things are upturned while house-cleaning goes on—why blame her again. One remedy is within her reach. II she uses SAPOLIO everything will look clean, and the reign of house-cleaning disorder will be quickly over.

<text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text><text>



LUMBAGO, SPRAINS, t-bites, Neuralgia, Swellings, Frost-bites, BRUISES. WE OHARLES A. VOGELER CO., Baltimore, Md.

EVERY WATERPROOF COLLAR OR CUFF THAT CAN BE RELIED ON BE UP Not to Split! TO Not to Discolori THE MARK BEARS THIS MARK. TRADE LULO 10 MARK. NEEDS NO LAUNDERING. CAN BE WIPED CLEAN IN A MOMENT. THE ONLY LINEN-LINED WATERPROOF COLLAR IN THE MARKET.