

never more strikingly exhibited than they will be in this experiment. Science will give eyes that will penetrate to the bed of the sea, and will be able by means of delicate instruments connected with...

THE GROPING MAGNETS. I tell exactly where these are in relation to the wreck, and when they are such the armored sides with sufficient sticking power to make the test a success. A delicate electrical dial on the pontoon will record the depth to which the magnet has sunk, and the power with which it has attached itself to the battle ship will be shown the same way.

When all the magnets have been fixed the work of raising the wreck will be begun. On the pontoons to be powerful hydraulic rams and dynamo machines, and these will get work on the lifting process. Each lifting cable will be attached to the lifting pontoon by means of a sheave at the head of a hydraulic lifting ram having a stroke of 12 feet, which would have an effective lift of 24 feet. Each hydraulic cylinder on the pontoon would be connected with all the others, and a balancing accumulator would prevent any rope getting more than normal strain of 100 tons.

When the rams have all made their stroke the lifting cables will be simultaneously held in position by means of hydraulic lifting blocks. The rams will then be lowered and another lift of 24 feet given to the wreck, and this operation will be repeated until patient work the great battle ship is raised so near the surface as to allow of her being towed to shallow water and then beached.

When the idea was first suggested by an electrical expert the Government officials were sufficiently impressed with it to allow a demonstration to be made with a model ship, the depth of the lifting capacity of the magnets and all things being, relatively, the same as those of the forthcoming undertaking. This was successful.

THE WORLD'S COMMERCE. Great Britain Easily Keeps in the Lead. One of the leading statisticians of France, M. Jules Roche, has recently compiled some interesting figures bearing upon the growth and expansion of the world's commerce during the past ten years. The object of the statistician in devoting himself to this task was to expose the contrast existing between France and Germany in the matter of their foreign trade relations.

Table with 2 columns: Year, Value. Data points for 1850, 1860, 1870, 1880, 1890, 1900.

FROM FOREST TO FACTORY. These are the words that grace the cover of the Hartford Rubber Work Company's bicycle tire catalogue for the season of '98, and which is the handsomest production of the kind that has reached our table in many a day. As a sample of mechanical skill it is superb, as a fountain of tire interest it will be found entertaining and sort of reflection upon the enterprising people who publish it. Address a post card to the Hartford Rubber Work Company, Limited, 9 Adelaide Street West, and they will mail you the catalogue free.

MYSTERY EXPLAINED. The following incident is related by an English journal, but it might have happened almost anywhere: A lady who kept poultry had some Andalusian fowls one day she had one killed for dinner. Rachel, she said to the servant, a pretty woman who had been with her some time, what fowl is this? It seems to be a very old one.

Well, mum, replied she, it's one of them there Antediluvians.

SPRING SMILES.

Ticket Inspector—How old are you, little girl? Edna—You will have to ask ma. She always takes charge of my age on the railway!

Out Stealing—Who? Annie—Your cheeks are blue with cold, said Reginald. No; I'm blushing, said Jennie; that's my blue blood.

Both Pleased—Browne—Allow me to have the pleasure of returning, that five dollars that I borrowed the other day. Smythe—Thanks; the pleasure is mine.

Neither is Boss—Kelliher—Oi hear that Hogan an' his wife don't git along very well together at all, at all. Flannery—Oi think it's beakase they're too avenly matched.

Matrimonial Explosions—After all, a married man has the advantage of a battiship. In what respect, pray? When he gets blown up he knows what did it.

Pride said Uncle Eben, an er good thing in its place. But er country or er citizen is in hahd luck when he ain't got nuffin' much 'cep'in' 'is pride ster get proud of.

Pat All Right—Out of work again. Pat? I thought that Old Skinfint gave you a job? He did, sor, but Oi'll be kilt afore Oi'll starve to death for the sake of kavin' a loive, sor.

A New Version—Jakie Isaacs—Fader, was it a disgrace to fail in peezing and not make anything? Mr. Isaacs—No, Shakey; it was better to have failed until lost dan neffer to have failed at all.

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SOME ROYAL PRESENTS.

Queen Mary—popularly known as "Bloody Mary"—has not been pleasantly drawn, for us by history, but certain records of the time when she was a young princess, occupying the throne of England, indicate that she was not without human kindness.

Mr. Richard Davey, in his history of Mary Tudor, quotes from the princess's "Privy Purse Expenses." Mary had been forbidden to call the Princess Elizabeth by any title, but it is pleasant to note that she refers to her affectionately as "my little sister."

She sends her brother, afterward Edward VI., a frock which she had embroidered for him, and gave her sister Elizabeth a cramoisie satin kirtle. Again, she sends a box with silver needle-work in it for her "Sister Elizabeth," and also worked a cap for her baby brother, and made his nurse, "Mother Jackson," a present of a bonnet and frontlets which cost twenty shillings.

Most singular amongst the gifts of the period, however, is that presented by Lady Lisle to Duke Philip of Bavaria, after the Duke had visited Lord Lisle at Calais.

"My lord," she writes to her spouse from Calais after Lisle and Duke Philip had set out for England, "I send you my toothpick. I thought to have given it to the duke whilst he was here, but it was not then at my hand. I send it to him because when he was here I did see him wear a pin to pick his teeth withal. And I pray you to show him that it has been mine these seven years."

A proprietorship in a toothpick of seven years' date would hardly be a recommendation nowadays.

THE TASTE OF TIME. She complied with a special request to sing popular songs of the day, with such selections as "Hot Time" and one or two others of equal literary merit. Then a sweet-faced old lady in the center of the audience stood up and blushing asked if the lady would be kind enough to give them some of the unpopular songs of the day.

FRANK J. CHENEY makes oath that he is the senior partner of the firm of F. J. CHENEY & Co., doing business in the City of Toledo, County and State aforesaid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and every case of CATARRH that cannot be cured by the use of HALL'S CATARRH CURE.

It allows the inflammation immediately, heals the irritated surface, and, with continued treatment, reduces the swelling and puts the membranes, in good, sound, healthy condition. The cure is thorough and permanent.

FRANK J. CHENEY. Sworn to before me and subscribed in my presence, this 9th day of December A. D. 1886. A. W. GLEASON, Notary Public.

Spring Medicine

A Good Blood Purifier a Necessity Now. Hood's Sarsaparilla Unequaled for Making Rich, Red Blood. The necessity for taking a good spring medicine to purify the blood and build up the system is based upon natural and unavoidable causes.

Hood's Sarsaparilla is the best spring medicine because it is the best blood purifier and tonic. It purifies the blood and gives vigor and vitality in place of weakness and languor.

Hood's Pills are the favorite cathartic. All druggists 25c.

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A CHEERFUL PROSPECT.

Old Grumps—if you want to marry my daughter, young man, you must first get your life insured in her favor.

Vaporize Quickcure for Cold in the Head. LAKESIDE LEVITY. Officer, shouted an excited man to a Chicago policeman, those fellows in that saloon just stood me on my head and took away every cent I had!

WILL FIND STRENGTH IN CELERY KING. Thousands testify to its curative powers. Sold by all druggists. Large package, 25 cts. WOODWARD MEDICINE CO., TORONTO, CANADA.

WIND MILLS—Steel, Cast-iron, Roller and Ball Bearings, Iron Pumps, Sprayers, and Grain Grinders. Gould, Shipley & Co., Limited, Brantford, Canada.

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Dominion Line Steamships Montreal and Quebec to Liverpool in summer. Port and to Liverpool in winter. Large and fast twin screw steamships "Labrador," "Van couver," "Dominion," "Scotiana," "Yorkshire. Superior accommodation for First Cabin. See on board Cabin and Steerage passengers. Rates of passage—First Cabin, \$30; Second Cabin, \$25; Steerage \$12.50 and upwards according to steamer and berth. For all information apply to Local Agents, or DAVID TORRANCE & Co., Gen'l Agents, 17 St. Sacramento St., Montreal.

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Catches Roadmasters. A short time ago several farmers on the line of a big railroad rebelled against barbed wire, and demanded board fences. They compromised on the PAGE, first the company had used. Our man afterwards called on the roadmaster, who wanted him to see those farmers, who would hug and kiss you, and I have got to have 25 miles on my division." Farm styles at from 45 to 65 cents per rod. For illustrated advertising matter apply to our local dealers or to us direct.

THE PAGE WIRE FENCE COMPANY, Limited, WALKERVILLE, ONT. P. S.—See our "ad" in next issue.

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Ogilvie has been all over the Klondike. He and his father are the recognized authorities on Klondike matters. He is possessed of all the information gathered in years of exploratory work for the Government in the Klondike. Now he gives the whole benefit of his knowledge and experience to the Gold Hills Exploration and Development Company of Toronto, Limited.

That company is organizing and fitting out an expedition for the Klondike. W. M. Ogilvie will personally conduct that party to the rich streams. He knows the country as well as you know your own town. He knows where discoveries have been made, and where new locations should be sought for. He knows the best routes, the most likely creeks, and with his well-equipped party should win the millions. A few more shares will be offered to the Canadian public at 20 Cents.

The Gold Hills Exploration and Development Company, Limited. President—Hon. J. D. Edgar, Q. C., M. P., Speaker of the House of Commons of Canada. First Vice-President—Dr. Ororhyatka, Supreme Chief Ranger Independent Order of Foresters. Second Vice President—W. J. Douglas, Esq., Director The Toronto Paper M'fg. Co'y. Secretary—J. M. Laing, Esq. The General Trusts Company Building, Toronto. Stock not sold in blocks less than 100 Shares.

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