

MONSTER CEMENT PLANT

ANOTHER LARGE INDUSTRY FOR THE DOMINION.

\$350,000 of Contract Have Been Awarded for Immense Works at Hull.

The Ottawa papers gave an interesting account of the gathering on several days of last week at Ottawa of a dozen or two representatives of iron and steel manufacturing concerns from various Canadian, United States, and German cities, their object being to submit tenders to the directors and engineers of the International Portland Cement Company, Ltd., for structural metals and machinery for the big Hull works.

According to the "Citizen," the directors had long day-and-night sessions with the representatives of the iron and steel manufacturers who tendered for the work of building the machinery of the new concern. "Some idea of the magnitude of the business done may be gained from the fact that during the week over \$350,000 worth of contracts have been awarded. The plant is of such a size that no single manufacturing firm could be relied upon to do all the work of the high standard that the directors insist upon and have the plant ready at the required time. Consequently a number of contracts have been let, each for some special part of the plant." The Hull people have, we are told, the same designers, engineers, and chemists who made so complete an establishment of the National cement mill at Durham, Ont., the Peninsular mills at Cement City, Mich., and several others now in successful operation.

A STRONG POINT

In favor of this organization lies in the fact that all machinery, the buildings, and the entire plant from the smokestack to the clinker pit is made from special designs and detailed drawings by a staff of engineers, who have learned the business by many years of practical experience.

Various representatives of the large manufacturing firms stated to a "Citizen" reporter that the detailed drawings furnished by these engineers are easier to interpret and figure upon than any that go into their works, and the machines when built and installed run with less trouble than any others with which they have to deal. They all agree also that the fact that the same engineers who design the plant superintend its operation after construction is a very strong assurance of its successful and economical working.

The favorable points of the Ottawa or Hull proposition are that the raw materials are abundant, of exceptional purity, that both limestone and clay lie at the very door of the factory, that they have water-power at the very low rate of \$15 per horse-power, that they have both water and rail transportation from the Company's own docks. Then the Company are not obliged to build a railway or steam power plant, thus enabling them to build a much larger factory with the same amount of capital, and thereby materially increasing the earning power of the plant. It is further to be noted that with

THEIR OWN BOAT LINE.

they can market their cement at all ports in the Lower Provinces, and through the Rideau Canal can reach all ports surrounding Lake Ontario. Their boats instead of returning empty from eastern ports can bring back coal on their return trips. The location as to the markets to be supplied could not be better, as there is no Portland Cement produced in the Lower Provinces, and the bulk of all the cement consumed in Ottawa, Montreal, and the Maritime Provinces is of necessity imported from Germany, Belgium, and the United States against a duty of 43c. per barrel. The "Citizen" article notes as a favorable point, that the C.P.R. and the Canada Atlantic railways run right by the doors of the factory, also the water way which gives a free outlet from the warehouse docks of the Company into the Ottawa river and thence direct to Montreal, Quebec, and the sea board cities.

The Hull works will, it is claimed, surpass in efficiency and equipment any of the plants yet designed by these men, and will supply Cement to Eastern Ontario and the Lower Provinces from its advantageous location, just as the Durham works is well placed to supply the Western Peninsula.

The business ability and scientific skill of the people who have this work in hand point to its success as an important industrial enterprise and promise well, we consider, for its financial success also.

DISPOSED TO BE FAIR.

"And now, Rachel," the young man said, standing erect before her, "I shall insist upon the return of the diamond ring I gave you." "Certainly, Mr. Higginside," she replied, taking a pasteboard box from the mantel-piece and holding it out to him. "Pick it out from this collection of engagement rings, if you can tell which is yours, and take another one or two, Mr. Higginside, for interest."

"Pure soap!" You've heard the words. In Sunlight Soap you have the fact.

SUNLIGHT SOAP REDUCES EXPENSE

Ask for the Octagon Bar.

THE GREAT MEAT PACKER

Valuable Lessons From the Life of Gustavus F. Swift.

In the career of the late Gustavus F. Swift we have another and a signal proof that there is no lack of opportunities, but only of men who have the intelligence, the courage and the persevering energy to improve men, says the Chicago Chronicle.

During the first thirty-six years of his life Mr. Swift acquired but little wealth, but during those years he had been laying the foundation, consciously or unconsciously, for his subsequent phenomenal success. He had been observing, thinking and accumulating a stock of useful knowledge as well as working.

When he came to Chicago in 1875 there were great packing establishments at the stock yards, rich and powerful, and the field seemed to be completely filled. Any many of ordinary capacity and force with little money would not have thought of entering it any more than he would have thought of manufacturing iron and steel to compete with Carnegie in Pittsburgh. But Mr. Swift saw an opportunity and seized it without hesitation. Beginning with a small slaughter house at the stock yards where only a few animals could be handled daily, he developed his business with wonderful rapidity and almost before his great competitors knew what he was doing he was abreast of them.

That was not mere luck. Mr. Swift not only knew the business as it was then done, from buying to marketing, but he had ideas of his own. He knew that in the preparing of animals for the market there was a great deal of waste. It was part of his plan to save what was then wasted. So successful was he that four years ago he was able to say, "Not a hair of the beef is wasted, and the hogs are all used except the grunt."

A man who could keep at the front in the matter of by-products had a great advantage as a competitor in

THE MAIN PRODUCT.

He could sell the latter on a very narrow margin and still make good profits.

Mr. Swift had other ideas. One of them was that the markets for meats could be supplied far better and more economically if suitable provisions were made for preserving the product in transit and storage.

He was pre-eminently the man of the refrigerator car and warehouse. As a result of his efforts in this field fresh meats can be carried almost any distance in any climate and laid down in perfect condition where they are wanted.

Another fact, and one specially worthy of remark, is that Mr. Swift was not a speculator in any objectionable sense of the word. He was, indeed, a good judge of market conditions. He could forecast as well as any of them. He acted with an eye on probable future conditions. So far he was a speculator, as every prudent buyer and seller must be, but he was not a market rigger. He did not run corners or play any of the speculative games of the Board of Trade. He achieved his remarkable success in the comparatively short space of twenty-eight years by strictly business methods. He did it by effecting important economies and giving the consuming public better product and service. And he did it in a field which to the ordinary observer seemed fully occupied. He supplied a valuable illustration of the truth that as society is constituted men of brains, energy and perseverance can always find opportunities to improve their fortunes and benefit their fellow men in so doing.

There would be no such opportunities under the artificial social organism for which some people long, and industrial progress would be as dead as it is in India or China.

BIRD VENGEANCE.

A naturalist recently witnessed an encounter between a large swan and a little brown duck. The duck had apparently insulted the swan by trying to cross its path, for it was suddenly seized by the swan and held under the water until he was sure it would be drowned. But at last the swan let it go, and sailed majestically away. The duck, after taking breath, looked round to see where its enemy was, and seeing it not far off it rose into the air and deliberately came down, flapping its wings, on the astonished swan's back. The swan fled in terror, and the duck, apparently satisfied, quietly swam away.

Mrs. M'Phidget—"Who wrote the song, 'There's only one girl in the world for me?' " Mr. M'Phidget—"Adam, I suppose."

BEHIND THE TIMES.

On coming out from the State prison at Trenton, New Jersey, after serving a twenty-five years' sentence, Herbert Jacobs was struck and injured by an electric tramcar while trying to cross the road. He knew nothing of electric traction, which was introduced during his incarceration, and seeing no horses attached to the front of the car, concluded it was going away from him.

The Amateur (enthusiastically)—"I suppose art fills your whole ambition?" The Professional (with a sigh)—"Yes, but otherwise it is not so filling."

STATE OF OHIO, CITY OF TOLEDO, LUGAS COUNTY.

FRANK J. CHENEY makes oath that he is 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.

Sworn to before me and subscribed in my presence, this 6th day of December, A.D. 1898.

A. W. GLEASON, Notary Public

Hall's Catarrh Cure is taken internally, and acts directly on the blood and mucous surfaces of the system. Send for testimonials, free.

F. J. CHENEY & CO., Toledo, O. Sold by all Druggists, 75c. Hall's Family Pills are the best.

"You ought not to beg," she said. "No, ma'am," admitted the tramp. "Why do you do it?" "Well, ma'am, I wouldn't if I could git people to give me money by just lookin' sad."

I know MINARD'S LINIMENT will cure Diphtheria.

JOHN D. BOUTILLIER, French Village.

I know MINARD'S LINIMENT will cure Croup.

J. F. CUNNINGHAM, Cape Island.

I know MINARD'S LINIMENT is the best remedy on earth.

JOSEPH A. SNOW, Norway, Mo.

7-59

HUMAN MACHINERY.

"Machinery. This side up. Handle with care," read the inscription on a huge box dispatched by train from New York to New Orleans. The lightness of the "machinery" aroused suspicion, and at a wayside station the box was opened. In it were found two men, with a week's supply of food. They were taking a cheap trip at freight rates to New Orleans in search of work.

Two workmen differed recently, and retired, along with some mates, to have it out in a quiet corner with the fists. One of them, who was getting the worst of it, at last protested that his adversary was not fighting fairly. "Wasn't it to be a fair stand-up fight?" he asked. "Certainly," said his mates. "Well, then, how can he expect me to stand up and fight if he keeps knocking me down all the time?"

Casey—"Did ye hear about poor Flannery?" Cassidy—"Never a word." Casey—"Shure, the big stame hammer in the foundry dropped down on his chest an' killed him." Cassidy—"Well, Oim not surprised, for he always had a wake chest."

DR. HAMMOND'S OPINION.

Expert Testimony on Wheeling—The Revival.

Dr. Hammond, one of New York's most foremost physicians, and an active member of the New York Athletic Club, was recently interviewed by a representative of the New York press, and asked his opinion as to the merits of cycling as exercise. The doctor stated very decidedly that he considered it absolutely the best possible, if taken with discretion. He of course excluded all persons with very weak hearts, or people of extremely delicate constitutions, but said that nearly every patient going through his hands rode a bicycle when convalescent, and that it was remarkable what progress they made towards health.

In Canada there has been an unprecedented revival in wheeling, and it can be traced to no better cause than to the introduction of the Hygienic Cushion Frame. To use the words of the advertiser, "It is to wheeling what the 'Pulman' is to railroading," and these words put the argument in the proverbial nutshell. It allows the rider to hold a uniform position, while the wheels accommodate themselves to the roadbed. It has made bicycling an absolutely pleasant and healthy form of outing. "Massey-Harris," "Cleveland," "Brantford" and "Perfect" bicycles have this cushion frame.

The North German Atlantic liners now carry 1,130 passengers per trip. The White Star average a little under 900.

Minard's Liniment Cures Dandruff.

13-03

OUR BRANDS.

King Edward
"Headlight"
"Eagle"
"Victoria"
"Little Comet"

Don't Experiment with other and inferior brands, USE EDDY'S

HOW HE KEPT HUMBLE.

Hiller: "You'll excuse me, but I never see your name in the list of subscribers for the poor of the village."

Slender: "Naturally. You see it is this way. I pity the poor awfully, and I am rather proud that I do pity them. If I should go so far as to give them money I'd be so vain there'd be no living in the same town with me."

FOR OVER SIXTY YEARS.

AN OLD AND WELL-TRIED REMEDY.—Mrs Winslow's Soothing Syrup has been used for over sixty years by millions of mothers for their children while teething, with perfect success. It soothes the child, softens the gums, allays all pain, cures wind colic, and is the best remedy for Diarrhoea. It is pleasant to the taste. Sold by druggists in every part of the world. Twenty-five cents a bottle. Its value is incalculable. Be sure and ask for Mrs. Winslow's Soothing Syrup, and take no other kind.

ACCOUNTED FOR.

He was telling about the wonderful smoothness and pleasantness of his recent voyage.

"It is a little surprising that you should have clear weather and nothing else," remarked his friend, who felt obliged to say something. "Not at all," answered the young fellow. "I was told that the Captain swept the sky with his telescope the first thing every morning."

Schoolmaster—"Suppose there are five children in a family, and mother has only four potatoes. Now, she wants to give every child an equal share. What is she going to do?" Small Boy—"Mash the potatoes, sir."

TO PREVENT PNEUMONIA.

Now this means a lot. Pneumonia once established, must run its course and when statistics show us that more people die annually throughout the Northern, Middle and Western States from this, than from any other disease, it becomes us to stir ourselves and ascertain what remedies we can adopt to prevent a cold developing into pneumonia. I give you these right here:—Dr. August Koenig's Hamburg Breast Tea and St. Jacobs Oil, the former taken not on the approach of the first symptoms of a cold—for pneumonia does not come first, it is a neglected cold and exposure that precedes pneumonia. In conjunction apply St. Jacobs Oil across the top portion of the chest and throat, cover with oil skin, on top of which put hot flannel cloths; place feet in hot mustard and water, take a hot lemonade with a dash of Jamaica (not Medford, oh, dear no) rum, and you will be all right, most likely in a day or two.

The highest mountain in North America is Mount McKinley, in Alaska, 20,464 feet high. Next comes Mount Foraker, just 20,000 feet.

Oil City, Feb. 5, 1903.

Massey-Harris Co., Limited,

Toronto, Ont. Gentlemen.—Please send me one of your 1903 catalogues of farm machinery. I have used no machinery that gives as much satisfaction as Massey-Harris.

Australians still lead the world as tea-drinkers. 7.51lb. is each Australian's yearly allowance. New Zealanders drink 6.75lb. a head yearly.

Lever's Y-Z (Wise Head) Disinfectant Soap Powder dusted in the bath, softens the water and disinfects.

567,011 passengers were carried across the Atlantic last year. Of these, 128,143 were first-cabin passengers.

Minard's Liniment for sale everywhere

The hydraulic mountings for the guns of the new ironclad "King Edward VII." will cost over \$500,000.

Treherne, Jan. 6, 1902.

Massey-Harris Co., Limited, Winnipeg, Man.

Gentlemen.—It gives me very much pleasure to inform you that the No. 4 Binder which I purchased from your Agent here last summer has given the very best of satisfaction. Doing its work to perfection and drawing light—very much lighter than I expected. My crop was very heavy, and some of it very badly down, but your binder did its work splendidly. I had no trouble whatever. I hope you will sell lots of binders for 1903 and save my brother farmers lots of trouble. I wish you every success.

R. M. FERRIS.

Vanadium is one of the rare metals, being worth \$600 per pound. When mixed with copper, it has the property of allowing the alloy to be drawn into extremely fine wire.

Minard's Liniment Cures Burns, etc.

The South Wales Miners' Federation is the most powerful of trade unions. It has over 127,000 members. The Amalgamated Society of Engineers has 87,000.

Minard's Liniment Relieves Neuralgia

If it were not for the church bibles, a good many young men would not be drawn to church.

AN ADMIRABLE FOOD

EPPS'S COCOA

FOR MAINTAINING ROBUST HEALTH

IN COLD CLIMATES.

1-18

Wanted to Purchase Any quantity of dry, mixed wood suitable for brick burning, for early delivery. State route, for your's a ton. Address: S.M. SON BRICK CO. 1 Toronto St., Toronto. Telephone Main 707.

7-19

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Gents' Suits Cleaned

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Carload every week. All the above at market prices. We can also handle your Butter, Eggs, Poultry, Maple Syrup and other produce to advantage for you.

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Deposited with us is secured by our \$7,600,000.00 of Paid-up capital and Reserve Fund. Our invested funds exceed \$23,600,000.00

We allow interest on deposits at 3 1/2 Per Cent. per annum, compounded half-yearly

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