

very cosy place, smokers can have as much fresh air as they desire to admit. The rig of the ship is square sails on the two forward masts, and fore-and-afters on the two after masts; she can spread a large surface of canvas when the wind blows fair. The ship is steered by Harrison's patent steam steering gear, the machinery placed aft, where either the hand gear or steam gear can be used at option; connecting also by steam pipes with the wheel-house in front of the bridge, where the quartermaster is always under the eye of the officer in charge. By this arrangement, the steering amidships is rendered noiseless. The model of the ship is of medium fineness, with a good lifting bow, which will prevent her plunging heavily in a sea way, and enable her to maintain her speed in heavy weather. The engines and boilers have been made by Messrs. J. & J. Thomson. The engines are of the three cylinder type, the high pressure cylinder being fifty-eight inches diameter, and the two low pressure cylinders being eighty inches each, and the stroke sixty-six inches; the boilers being six in number, having thirty furnaces, forty-six inches diameter. It is expected that the "Vancouver" will prove one of the fastest vessels in the Canadian trade. The hull and engines were constructed under the supervision of Mr. William Glover, the company's consulting engineer. Captain C. J. Lindall, favourably known for his courtesy to passengers, and success as a navigator, while in command of the steamers "Brooklyn and Sarnia," has been appointed to command the "Vancouver."

## STOCKS IN MONTREAL.

MONTREAL, April 5, 1884.

STOCKS.	Lowest Point in Week.	Highest Point in Week.	Total Transacted in Week.	Buyers.	Sellers.	Average Price of the Week.
Montreal .....	193	195	969	193	193	200
" x.d. ....	188	191	750	189	189	197
Ontario .....			8	104	104	112
People's .....				6	6	80
Molson's x.d. ....				115	115	123
Toronto .....	188	185	363	188	185	182
Jac. Cartier .....						
Merchants .....	111	114	161	114	115	123
Commerce .....	126	127	510	126	127	133
Eastern Tys .....				111	114	
Union .....				69		
Hamilton .....						
Exchange .....						150
Mon. Tel. x.d. ....	117	118	360	116	118	120
Dom. Tel. ....				86	90	
Rich. & O. ....	63	65	1361	63	64	71
City Pass .....	121	123	1930	123	123	
Gas .....	189	190	1600	B	C	
" x.d. ....	180	184	1787	179	180	172
B. O. Ins. Co. ....						

## THE FORTH BRIDGE.

The engineers report that the contractors, have practically completed their arrangements for the manufacture of the large spans and for the grading of the great piers. Nearly the whole of the required machinery is on the ground, including twenty steamboats and barges of different classes, more than fifty steam and hand cranes, and about 80 steam engines, some of which are to be used in driving the machinery, others for working the electric lights, and others again for compressing air for the pneumatic foundations and rock drills. At Inch-Garvie and on the north shore there are temporary iron stagings for the purpose of landing material &c. The value of the plant and temporary works at present executed is estimated at about £180,000. One of the large cantilever end piers is partly built, and the coffer dam for the other is ready. On the Fife shore one of the main cylindrical piers is half built, and at Inch-Garvie the rock is excavated and the iron caisson is in position for another cylindrical pier, while on the South Queensferry shore the first of the great diving-bell caissons is resting on the launching ways where it is being riveted up. The approach viaduct girders are being made at Glasgow, and the erection of this portion of the work will shortly be proceeded with. Siemens Martin steel will be used for the bridge. The contract time for the completion of the work is five years from the commencement.

—The Montreal Warehousing Company held its annual meeting on the 5th inst, when the old board was re-elected:—Andrew Allan, John S. Hall, W. M. Ramsay, A. W. Ogilvie, and Thos. Davidson. Mr. Andrew Allan was again chosen president, and John S. Hall vice-president and managing-director for the current year.

## HUDSON'S BAY COAL.

Mr. Huffman, chemist of the Geological Survey of Canada, analyzed a specimen of anthracite, from Long Island, on the east coast, with the following result, as we learn from the *Selkirk Herald*:

Fixed carbon .....	94.91
Volatile combustible matter .....	1.29
Water .....	3.45
Ash .....	0.35
Total .....	100.00

Mr. Huffman reported also on the composition of the Moose River lignite, as follows:—A piece of this lignite, immersed in water for over three days, remained apparently unaffected, it had not disintegrated, nor imparted any coloration to the water.

This specimen having been kept in laboratory for months, may be regarded as having been thoroughly air-dried.

Two approximate analyses by slow and fast cooking gave:

	Slow Cooking.	Fast Cooking.
Fixed carbon .....	45.82	44.03
Volatile combustible matter ..	39.60	41.89
Water .....	11.74	11.74
Ash .....	2.84	2.84
Total .....	100.00	100.00

—What liberties will not advertisers take with the human form divine in aid of their schemes? Says the *New York Times*, "the 'travelling sandwich,' which consists of a man incased between two long boards, on which are depicted the merits of Stickem's Stomachic Solvent or Potter's Purgative Pills, has become a nuisance of long standing, or, more strictly speaking, perambulating. Of later date are the colored gentlemen arrayed in tawdry finery and tinsel, like the circus clowns of old, and the bogus Nubians and Indians, duly tinted, who are walking advertisements of dumb bells, Indian clubs, and cheap restaurants. A milder form of the movement was exhibited in the cases of other colored gentlemen, elegantly,—not to say ultra-fashionably—attired, whose shirt collars of heroic dimensions bore testimony in the largest of type, to the extra quality of Somebody's Soap. From marking the dress they got to marking the person itself, and a Boston man originated the device of tattooing men's bodies with advertisements, pictorial and otherwise, of tobaccoists, the object being to put the tattooed men on exhibition in museums. But all these schemes fade into insignificance beside the one now reported in London, England where an enterprising patent medicine dealer has printed a call for twenty bald-headed men willing to have an advertisement of his precious nonstrum burned on the back of their heads. And although perhaps this not what he intended, it may be that the advertiser will actually receive responses from persons who are willing to be branded—for a consideration.

## Commercial.

## MONTREAL MARKETS.

MONTREAL, April 2nd, 1884.

We cannot yet record any solid improvement in business as a whole, and there is no doubt that the bulk of the spring trade will be done later than usual this year. Poor communication in country parts, is a great drawback. Though remittances cannot be called satisfactory, no serious shortage on April 4th payments is feared. The numerous failures which some predicted for March, have not happened, and the cautious policy on all sides during the fall and winter has doubtless worked beneficially. There is a plentiful supply of money available, call loans being made at 4 to 4½ per cent., regular discount rate 7 per cent. Sterling exchange is quiet but firm, at about 9½ for sixties; the city is reported to have bought a considerable block yesterday, at a shade under 9 7/16ths.

ASHES.—Receipts from the first of the year to April 1st, have been 1,419 barrels of *Pots*, 142 of *Pearls*, making 1,561 brls. in all as against 1,795 brls. for the same period of 1883. To show how light the export movement has been, we need only quote the figures of stocks in store, which on April 1st, were 1926 brls. as against 1,182 brls. on same date last year. Prices remain on the same level, \$4.20 to \$4.25 being the quotations for No. 1 *Pots*.

DRY GOODS.—There have been rather more buyers in the market since last writing, and some houses report several busy days, though the parcels bought were in no case heavy. City retail trade has not thus far been remarkably brisk, and local dealers have been buying more lightly than usual. General remittances have bettered a little, but some houses report a good many applications for indulgence on 4th of April payments, and this from people considered pretty sound. There does not seem to be any general apprehension however, as to the manner in which the day will pass.

DRUGS AND CHEMICALS.—The market presents little change, but business is perhaps a little better. Bleaching powder is in very light supply, but other heavy chemicals are not any scarcer than usual at this season. We quote *Sal Soda*, \$1.20 to 1.25 per 100 lbs.; *Bi. Cb. Soda*, \$2.50 to 2.60; *Soda Ash* \$1.50 to 1.75; *Bichromate of Potash* per 100 lbs., \$10.00 to 11.00; *Borax* refined, 12 to 13½c.; *Cream Tartar* crystals, 80½ to 82c.; do ground 36c. to 38c.; *Tartaric Acid*, 57 to 60c. per lb.; *Caustic Soda*, white, \$2.40 to 2.60; *Sugar of Lead*, 11 to 12½c.; *Bleaching Powder*, 3.00; *Alum* \$1.80 to \$2.00; *Copperas*, per 100 lbs., 90c. to \$1.00; *Flowers Sulphur*, per 100 lbs., \$2.90 to \$3.00; *Roll Sulphur*, \$2.40 to \$2.60; *Sulphate of Copper*, \$6.00 to \$6.50; *Epsom Salts*, \$1.25 to \$1.40; *Saltpetre*, \$9.00 to 9.50; *German Quinine*, \$1.50 to \$1.65; *English and American do.*, \$1.75 to \$1.90; as to makers, per oz. bottles: *Opium*, \$4.00 to \$4.25; *Morphia*, \$2.15 to \$2.30. *Gum Arabic*, sorts, 33 to 35c. *White*, 40 to 55c.

FURS.—The Mink sales at Sir Curtis Lamson's last week resulted very poorly, very few skins being sold indeed. There has, in consequence being a serious decline, and shippers will buy very cautiously. The result of the *Fur Seal* sales taking place this week, has not been learned at moment of writing. Wholesale manufacturers are very quiet. We quote *Beaver*, \$3.00 to \$3.50 per lb.; *Otter*, \$9.00 to \$12.00; *Bear*, large, \$9.00 to \$12.00; small, \$4.00 to \$7.00; *Cub do.*, \$3.00 to \$5.00; *Fisher*, \$4.00 to \$6.00; *Red Fox*, \$1.20 to 1.35; *Cross do.*, \$3.00 to \$7.00; *Mink*, 50c. to \$1.00; *Marten*, \$1.00 to \$1.20; *Muskrat*, (winter) 12½ to 14c. \$1.25; *Muskrat*, (winter) 12½c. (spring) do. 18 to 20c.; *Skunk*, 40 to 60c.; *Raccoon*, 50 to 80c.

FLOUR.—The market has maintained a uniformly dull tone since last report, and the trade done has been purely a local one. We quote *Superior Extra*, \$5.55; *Extra Superfine*, \$5.25 to \$5.30; *Fancy*, \$5.00; *Spring Extra*, \$4.90 to \$5.00; *Superfine*, \$4.25; *Canadian Strong Bakers*, \$5.25 to \$5.50; *American ditto*, \$5.50 to \$5.55.

GROCERIES.—Business continues on the dull side, and travellers are not encouraged by many or large orders. The general break-up of the country roads has much to do with the state of affairs. Country dealers are averse to laying in heavy stocks, but wholesalers are looking for a very fair spring trade, though it will likely be late. There was quite a drop in *Japans*, in the New York market last week of about seven cents, and the feeling was quite panicky, but the market has since recovered some three to four cents. Prices here have not been affected, as stocks, as a rule, are light, and the local market has always ruled below the level of that of New York. The price of *raw sugars* has rarely been so low as at the present time, and *refined sugars* are perhaps a shade easier than they were, as we hear of some exceptional lots being sold by refiners a shade under 8½c.; bright yellows are still scarce. A few small lots of *Porto Rico* grocery sugars are to hand, and are quoted at 6½ to 6¾c. *Fruits* are dull and cheaper; some sales of off brands of *Valencias* have been made at 5c.; good reliable brands sell at 5½ to 6c.; currants, 5 to 6c.; in *Malaga* fruit nothing doing; *Figs* are getting scarce, and were to 13 to 15c. in boxes, pulled figs 7 to 7½c.; *prunes* in fair supply at 5½ to 6c. In *Spices*, pepper continues high, nutmegs a little cheaper, other lines unchanged. *Rice* at the moment scarce, and will be so until fresh cargoes for the mill come in. *Coffees*—No stocks, and nothing doing in *Rio*; *Jamaica* is the only coffee in demand, and that in light supply. *Syrups* are low; stocks large, and demand small, which differs from the usual experience at this season. There appear to be stocks of dark syrups, while any demand there is for light; molasses still 43 to 44.

LEATHER.—Sole leather continues firm at the slight advance recorded last week, and considerable sales are reported. Quebec men have been ready buyers the last several days. Splits are in better demand, and latest account sales from