

staff of United States engineers engaged on roads and irrigation work.

MR. MATTHEW A. SAMMETT has severed his connection with the Montreal Light, Heat and Power Company, as engineer-in-charge of tests and design, and has opened an office at 702 Canadian Express Building, Montreal, as a consulting engineer. Mr. Sammett's work will embrace estimates, reports, acceptance tests, preparation of specifications for electric machinery, and supervision of plants for industrial enterprises.

RAILROAD EARNINGS.

	Week ending.	1907	1908	Change.
C.N.R.	Oct. 14	\$208,100	\$265,300	+ \$57,200
G.T.R.	Oct. 14	935,632	849,270	86,362
Montreal St. Ry.	Oct. 14	71,187	70,483	— 6,704
Toronto St. Ry.	Oct. 17	65,445	68,560	+ 3,115

PATENTS.

The following is a list of Canadian patents recently obtained through the agency of Messrs. Ridout & Maybee, 103 Bay Street, Toronto, from whom further particulars may be obtained:—E. B. Badcock, steam engine and pump; G. W. Thexton, two-cycle gas engine governor; Rudolph Hennig, reversible valve gear; Victor Chaveriat, brake adjustment; John T. Macgregor, car fender; Sir Charles Wakefield, gas burner for flare lights; Connolly & Osborne, device for measuring hides; F. K. Pierpont, punch and matrix cutting machines; James Dulziel, voltage regulator; Hon. C. A. Parsons, ship propulsion system.

The Kellogg Switchboard & Supply Company have recently issued a folder, describing their new push bottom intercommunicating system. Five views showing wall and desk set styles, both open and closed, are given. The illustration shows it to be one of the most compact, private, automatic house systems on the market. Being compact, it is necessarily simple in operation. Both styles, wall and desk sets, are easily handled, and attractive in appearance. They are finished in either oak or mahogany, and add to the appearance of any office or room, because of the high grade of cabinet work, for which all Kellogg apparatus is noted. The desk set box takes up little room, and can be used either movably or placed in any convenient position on a desk or table. The company will be glad to send these folders to those interested, and will also, if requested, forward original photographs, which give accurate views of both styles and sizes. Any inquiries on the subject, will have the company's careful attention.

MARKET CONDITIONS.

Toronto, October 29th, 1908.

Accounts from the United States announce a waiting market in lumber as well as in steel. The election is so close at hand that buyers seem resolved to await its result. The very satisfactory report of the United States Steel Company, issued on Tuesday, showed a gain in earnings as also an increase in unfilled orders, which had a stiffening effect on steel prices in the meantime. Advances as to other kinds of material show the same hesitancy about buying and the same determination to wait until after November 4th.

In Canada, the result of the elections gives a steadying effect to prices, although thus far it has not made much difference in the volume of orders. Building materials have been moving fairly these two months, and no increase of moment is apparent this week. Features in the metals trade are not pronounced, the usual speculative vagaries have been going on but prices are not notably affected by them.

The following are wholesale prices for Toronto, where not otherwise explained, although for broken quantities higher prices are quoted:—

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Antimony.—Price unchanged at 83c., with more enquiry.

Axes.—Standard makes, double bitted, \$8 to \$10; single bitted, per dozen, \$7 to \$9.

Bar Iron.—\$1.95 base, from stock to the wholesale dealer.

Boiler Plates.—1/2-inch and heavier, \$2.40. No special activity.

Boiler heads 25c. per 100 pounds advance on plate.

Boiler Tubes.—Demand limited. Lap-welded, steel, 1 1/4-inch, 10c.; 1 1/2-inch, 9c. per foot; 2-inch, \$8.50; 2 1/2-inch, \$10; 3-inch, \$10.60; 3 1/2-inch, \$11.30; 4-inch, \$12.45 per 100 feet.

Building Paper.—Plain, 30c. per roll; tanned, 40c. per roll. Business brisk.

Bricks.—Common structural, \$9 per thousand, wholesale, and the demand moderately active. Red and buff pressed are worth, delivered, \$18; at works, \$17.

Cement.—The market is lower; cement can be had in 1,000 barrel lots at \$1.80 per barrel, including the bags, which is equal to \$1.40 without bags. Overproduction is evident, and demand is not brisk in a wholesale way. The smaller dealers, however, are busy selling small quantities.

Coal Tar.—In improved request; \$3.50 per barrel the ruling price.

Copper Ingot.—A very active enquiry is reported with a firm feeling. The price is still 14c.

Detonator Caps.—75c. to \$1 per 100; case lots, 75c. per 100; broken quantities, \$1.

Dynamite, per pound, 21 to 25c., as to quantity.

Roofing Felt.—There is much more demand and a better feeling. Price \$1.80 per 100 pounds.

Fire Bricks.—English and Scotch, \$32.50 to \$35; American, \$28.50 to \$35 per 1,000. Demand, moderate and steady.

Fuses—Electric Blasting.—Double strength, per 100, 4 feet, \$4.50; 6 feet, \$5; 8 feet, \$5.50; 10 feet, \$6. Single strength, 4 feet, \$3.50; 6 feet, \$4; 8 feet, \$4.50; 10 feet, \$5. Bennett's double tape fuse, \$6 per 1,000 feet.

Galvanized Sheets—Apollo Brand.—Sheets 6 or 8 feet long, 30 or 36 inches wide; 10-gauge, \$3.05; 12-14-gauge, \$3.15; 16, 18, 20, \$3.35; 22-24-gauge, \$4.30; 26-gauge, \$4.05; 22-24-gauge, \$3.50. Queen's Head—28-gauge, \$4.50; 26-gauge, \$4.25; 22-24-gauge, \$3.70.

Iron Chain.—1/2-inch, \$5.75; 5-16-inch, \$5.15; 3/4-inch, \$4.15; 7-16-inch, \$3.95; 1/2-inch, \$3.75; 9-16-inch, \$3.70; 5/8-inch, \$3.55; 3/4-inch, \$3.45; 7/8-inch, \$3.40; 1-inch, \$3.40.

Iron Pipe.—Black, 1/2-inch, \$2.03; 3/8-inch, \$2.25; 1/2-inch, \$2.63; 3/4-inch, \$3.56; 1-inch, \$5.11; 1 1/4-inch, \$6.97; 1 1/2-inch, \$8.37; 2-inch, \$11.16; 2 1/2-inch, \$17.82; 3-inch, \$23.40; 3 1/2-inch, \$29.45; 4-inch, \$33.48; 4 1/2-inch, \$38, 5-inch, \$43.50; 6-inch, \$56. Galvanized, 1/2-inch, \$2.86; 3/8-inch, \$3.08; 1/2-inch, \$3.48; 3/4-inch, \$4.71; 1-inch, \$6.76; 1 1/4-inch, \$9.22; 1 1/2-inch, \$11.07; 2-inch, \$14.76. Rather more movement following the natural fall demand.

Lead.—Active, with a firmer feeling, price maintained at \$3.90.

Lime.—In adequate supply and moderate movement. Price for large lots at kilns outside city 22c. per 100 lbs. f.o.b., cars; Toronto retail price 35c. per 100 lbs. f.o.b. car

Lumber.—Dressing pine we quote \$32 to \$35 per thousand for usual lengths (12, 14, and 16 ft.), and stock sizes of boards, and \$38 to \$40 for special lengths, common stock boards, as to grade, \$24 to \$28; Cull stocks, \$20; sidings, \$17.50; Southern pine, moderately firm; Norway pine rather easy. Hemlock moves steadily in small quantities. British Columbia shingles still \$3.20; lath, No. 1, \$4; No. 2, \$3.50, with perceptible stiffening; spruce flooring, \$25. No quotable change in price anywhere, but a more settled feeling.

Nails.—Wire, \$2.55 base; cut, \$2.70; spikes, \$3. There is a fair supply and no special activity.

Pitch.—An active trade at unaltered prices, at 70c. per 100 pounds.

Pig Iron.—More business doing, but no change in prices. Clarence quotes at \$19.50 for No. 3; Cleveland, \$19.50 to \$20; in Canadian pig, Hamilton quotes \$19.50 to \$20.00.

Plaster of Paris.—Calcined, wholesale, \$2; retail, \$2.15.

Putty.—In bladders, strictly pure, per 100 lbs., \$2.

Rope.—Sisal, 9/16c. per lb.; pure Manila, 12 1/2c., Base

Sewer Pipe.—

Straight pipe per foot 4-in. 6-in. 9-in. 10-in. 12-in. 24-in.
 \$0.20 \$0.30 \$0.60 \$0.75 \$1.00 \$3.25

Single junction, 1 or 2 feet long. .90 1.35 2.70 3.40 4.50 14.63
 In good demand; price 70 per cent. off list at factory for car-load lots; 60 per cent. off list retail.

Steel Beams and Channels.—Quiet. We quote:—\$2.50 to \$2.75, according to size and quantity; if cut, \$2.75 to \$3; angles, 1 1/2 by 3-16 and larger, \$2.50; tees, \$2.80 to \$3 per 100 pounds. Extra for smaller sizes of angles and tees.

Steel Rails.—80-lb., \$35 to \$38 per ton. The following are prices per gross ton: Montreal, 12-lb. \$45, 16-lb. \$44, 25 and 20-lb. \$43.

Sheet Steel.—Market steady, with fairly good demand; 10-gauge, \$2.50; 12-gauge, \$2.55; American Bessemer, 14-gauge, \$2.35; 17, 18, and 20-gauge, \$2.45; 22 and 24-gauge, \$2.50; 26-gauge, \$2.65; 28-gauge, \$2.85.

Tool Steel.—Jowett's special pink label, 10 1/2c. Cyclops, 18c.

Tank Plate.—3-16-inch, \$2.50.

Tin.—The United States market is strong and a little higher. Moderate activity here at prices unchanged from last week, say 30 to 32 1/2c.

Wheelbarrows.—Navy, steel wheel, Jewel pattern, knocked down, \$21.35 per dozen; set up, \$22.35. Pan Canadian, navy, steel tray, steel wheel, per dozen, \$3.30 each; Pan American, steel tray, steel wheel, \$4.25 each.

Zinc Spelter.—Business very good at unchanged prices, say, \$4.90 to \$5.

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Montreal, October 28th, 1908.

Reports from Glasgow are to the effect that the warrant market is easy, the increase of stocks in store amounting to 7,000 tons.

The German situation appears to be in control, and it is claimed that price cutting is taking place amongst German makers. There is talk from time to time of a new agreement being arrived at but considerable doubts are expressed on this score. The political situation for some time also exercised a bearish influence, so that it is not surprising that those who were bullish on the situation have to a very considerable extent altered their views.

In the United States the situation shows a decided improvement, the lethargy of the past few weeks having been succeeded by a moderate de-

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