

# St. Lawrence Engine Works,

17 to 29 Mill Street, and Canal Basin No. 2, Montreal, P. Q.

W. P. BARTLEY & CO.,  
**ENGINEERS, FOUNDERS, &c.**

MANUFACTURERS OF STEAM ENGINES AND BOILERS.

*The most improved Dredge Machinery made to order.*

IRON BOAT BUILDERS.

**WATER WHEELS,**

Manufacturers of the Cole "Samson," Dominion and Jonval Turbine,  
and other first-class Water Wheels.

*Propeller Screw Wheels always in stock, or made to order on short notice.*

*Pumping Apparatus for supplying Cities, Towns, &c.*

Parties requiring Steamboat Engines would do well to call and inform themselves on the great economy of our new design of Compound Steam Engine, suited for Steamboats, Factories, Grist Mills, Distilleries, Breweries, &c.

Messrs. W. P. BARTLEY & Co.,

MONTREAL, 18th November, 1872.

Gentlemen,—In reply to your letter of the 8th inst., by which you ask me how the beam engine of the Longueuil Navigation Company's steamer, "Montarville," built by you from a new design of your own, on the compound principle, has performed since the boat has commenced to run; also how the "Montarville's" engine compares as to economy of fuel with that of the sister steamer, "Longueuil," built by you in 1868, on the most modern design.

I would beg to state that the Company has not yet given the "Montarville's" engine the test they would have wished; but for the time it has been working it has, from the first day, given entire satisfaction in every way; and as regards economy of fuel, I do not hesitate to say that I believe the saving in fuel cannot be less than one-third, and possibly more.

I remain, Gentlemen, Yours, &c., J. HURTEAU, Manager L. N. Co.

We fully endorse the above: OVIDE DUFRESNE, Pres. L. N. Co.; H. COTTE, Vice-Pres. L. N. Co.; S. BONNEVILLE, Director L. N. Co.

November 23rd, 1872.

We publish this morning a letter from Messrs. W. P. Bartley & Co., with one from the Directors of the Longueuil Navigation Company, on the subject of a new engine, designed by Mr. Bartley, for the steamer "Montarville." The letters explain themselves, and will be read, we doubt not, with great interest by all persons interested in the question of economy of fuel for navigation or manufacturing purposes. The statement made that, with the trial already given to this engine, a saving of at least one-third in fuel is effected is a most important one, and its full significance will be more apparent when it is remembered that the engine on the steamer "Longueuil" with which the comparison is made, is one of the best, in point of economy of working, hitherto in use. It is of the same design as those in the steamer "Quebec," of the Richelieu Company of which Mr. J. B. Lamere is Manager, the "Magnet," of the Canadian Navigation Company, of which Mr. A. Milloy is Manager; the "Lady of the Lake," on Lake Memphremagog, of which Sir Hugh Allan is President; and the "Prince Arthur," of the Upper Ottawa Union Forwarding Co., of which Mr. R. S. Cassels is President. All these are well known and favorite passenger steamers, and their engines from the establishment of Messrs. Bartley & Co., are known to be remarkable for economy in fuel. They are now eclipsed by the new engine, to which reference is made in the correspondence which we publish; and at a time when fuel is of enormously increased value, having reached almost famine prices, such an engine is a matter of great interest to all parties engaged in navigation or manufacture. We congratulate Messrs. Bartley & Co. upon having produced an engine which is thus certified to effect a saving of thirty-three per cent. over the best engines now in use of the high pressure or condensing types.—*Gazette*.

W. P. Bartley & Co. build every description of Saw and Grist Mill Machinery, High Pressure Steam Engines and Boilers for 3, 6, 8, 10, 15, 18, 24, 34, rising by 10 to 100, and by 20 from that up to 1000 horse power, for Mills, Screw Propellers and Paddle Steamers. Every description of Castings in Iron and Brass.

REPAIRS—Steamboat and Mill Repairs promptly attended to.

*Please refer to page 245 facing name.*

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