

OUR LOCAL INDUSTRIES.

A VISIT TO MESSRS. T. CONNOR & SON'S CORDAGE WORKS.

An enterprising firm of young men who have succeeded in the face of many difficulties.

Nineteen years ago Thomas Connor who a few years previous had commenced the manufacture of cordage in a small way died, leaving behind him a widow and four sons. Mr. Connor had been an industrious thrifty man, and his establishment, though small when judged by modern standards, was one of the largest and best equipped in the city. His boys or those of them who had left school had been instructed in the art of cordage making so that when left fatherless they were able to carry on the business. They were fortunate in having a mother possessed of rare business talent and with their own practical knowledge under her guiding hand, were able to increase their business every year. Difficulties had to be overcome, but the young men recognizing that a good article was always in demand, kept on making the best article that could possibly be made out of the best qualities of raw material. This proved the keystone of their success, for notwithstanding the competition forced upon them by larger concerns backed by almost unlimited capital, they were enabled to continue their business long after all other cordage works in the city had been closed down—and this at times in the face of most adverse circumstances. Their modest factory at the marsh bridge, after its size had been increased and steam machinery had replaced that driven by hand, was destroyed by fire. Discouraged but not daunted the young men rebuilt on a larger scale in Lancaster. For several years they conducted their business most successfully in their new premises still cleaving to their original purpose of making a first-class article. In 1882 they purchased the extensive works of the defunct New Brunswick Cordage Company on Adelaide road. The works had only been erected a few years before and possessed many advantages over the sites Messrs. Connors had occupied before. They had been equipped with the latest modern machinery and were first class in every respect.

Fortune seemed to smile on the young men and everything seemed to augur a great future for them when one cold December night the building took fire and in a few hours the fine machinery and stout factory buildings were a smouldering heap of ashes. Nothing could be done during the winter, but as soon as spring opened the foundations of the present structure were laid, and in the autumn of 1883 the building was fully equipped with machinery and the manufacture of cordage commenced again on a scale somewhat larger than before. Within the past ten years great improvements have been made in the manufacture of cordage machinery, cheapening the cost of production to a marked degree. Mr. John Connor visited the United States and after a careful examination in making arrangements for the equipment of the building with the very latest inventions in labor saving machinery. Consequently when the new factory was set in motion four years ago it was not only as well equipped as any similar factory in the world, but it was a long way ahead of any of its competitors in Canada. The reputation of the firm as manufacturers of a first class article of cordage had spread through Ontario and Quebec and from the hour they started business afresh, orders have poured into them enabling them to keep continuously at work throughout the entire year, stopping only long enough to make such repairs as are always necessary in large factories. The New Brunswick Cordage Works are without exception the best equipped works in Canada and they turn out the finest qualities of rope of every size. Besides the manufacture of all classes and grades of manilla and hempen ropes, Messrs. Connor have recently added to the list of goods they make binder twine for reaping machines and tallow laid ropes for factories and mills. The latter class of ropes are made under a patent for an Ontario Company who are rapidly introducing their article into mills of every kind to replace rubber and leather belting. It is claimed that ropes of this special make are not only cheaper than either rubber or leather belting, but are also more durable and in many respects better. At all events rope is coming largely into use for transmitting power, and will no doubt in time be a great competitor of rubber and leather belts if it does not entirely replace them in the larger factories where expense has to be considered.

It is a genuine pleasure to walk through the works of Messrs. Connor & Sons. Entering through the boiler house one finds that every convenience likely to reduce labor or cause a saving of fuel has been adopted by the firm. Their boilers are of the latest make and set in such a way as to produce the greatest pressure of steam with a minimum consumption of coal. Adjoining is the engine-room tastefully fitted up and as comfortable as it is possible to make an engine room. The oils used for lubricating the machinery are stored in

neat tanks and the machinery and brass work about the room all give evidence of the care and attention bestowed on them. Order is everywhere apparent, and when the visitor steps out into the spinning room he finds the same state of affairs prevailing. The machinery, although constantly in use, is kept free from dust and dirt. No waste is allowed to accumulate only when the machinery is in operation, and just as soon as the great engine ceases its revolutions every bit of waste is carefully swept up and stored away to be made up into binders for coils of rope, for acting on the principle that a shoe-maker's wife is never well shod, cordage manufacturers use only the waste for tying up their own bundles. In these days of close competition and labor-saving machinery manufacturers are obliged to see that every pound of raw material is properly utilized, for if waste is allowed to go on, profit is consequently reduced. The Messrs. Connor are at a great advantage in this particular, as every member of the firm is a thoroughly practical cordage maker, understanding all the various processes of manufacture from the simplest to the most complex, and at least one of them spends all his time in the works. Every department is thus under the personal superintendence of a member of the firm and this as much as any thing else accounts for the success that has attended their business from its outset. At the present time the firm are making additions to their buildings and machinery to enable them to expedite the manufacture of certain classes of goods, the demand for which has increased considerably within the past few years. Every addition made now means an increase of business, and it is gratifying to all who desire to witness growth in our manufactures that the business of this firm is growing all the time.

The process of making cordage is very interesting. Messrs. Connor import their manilla direct from the planters at Matilla and their hemp from Russia where it is grown largely for export. The bales are taken to the factory and opened on the floor close by the spreaders. By the old process the manilla had to be oiled before placed in this machine, but now an automatic addition has been put on the machine so that the oiling is part of the work done by the spreader. The machine is too complex to describe at length, and for the purposes of this article it is sufficient to say that after passing through No. 1 spreader the short lengths of manilla are drawn out in one continuous length known as a silver. There are four spreaders all of which do similar work only reducing the silver in size. From the last spreader the silver is taken to the drawing frames through which it passes until much reduced in size from the time it left the spreader No. 1 it is ready for the spinning jenny. When the manilla leaves the spinning jenny it is in the form of a thread neatly wound on bobbins. These threads are the foundation of ropes of every size from the smallest clothes line to the largest hawser, capable of sustaining hundreds of tons of dead weight. The spinner are automatic in their action and so constructed as to make the thread perfectly uniform in size. The slightest unevenness in the thread stops the machine or causes it to work faster until absolute uniformity is secured in the finished thread. These machines have each a capacity for 250 pounds of thread a day.

It used to be that all except the smallest sizes of rope was made in the rope walk, but now-a-days only heavy hawsers and tarred ropes are manufactured there. The introduction a few years ago of compound laying and coiling machinery has rendered it possible to manufacture ropes up to five inches by machinery. Messrs. Connor are the only firm having a complete outfit of the latest makes in this class of machinery and the latest improvements mean a great deal. They not only make a better class of goods, finer and better laid than by the old processes, but also greatly improve the appearance of the goods by making the coils neat and uniform in size. It is an interesting sight to witness a dozen of these machines at work making all sizes of rope from 6 and 9 thread up to 5 inch. The bobbins of thread are placed at an end of the machine and as they unroll the strands are first formed and then laid into rope. Besides rope the New Brunswick turns out many tons of binder twine annually. This is a large and growing trade. At present the consumption is practically in the West where the self-binding reaping machines are rapidly driving all competitors out of the market. Over 2,800 tons of twine which were consumed during the present season and the estimated consumption for next year is 1,000 tons in excess of that of last year. In this article it is gratifying to note that the Canadian rope manufacturers supply large quantities of binder twine to the farmers of the Western States. Lath ties are also a specialty of the Messrs. Connor and this article which is extensively used in New Brunswick is also largely bought by the saw-mill owners of Ontario and Quebec.

Passing from the factory to the walk, the visitor is shown a building nearly 1,500 feet in length. Rope belts run down on both sides of the building, and supply the power for driving the forming and laying machines. The walk is a double one, having the machinery for forming the strands on one side and for

laying them into rope on the other. The coiling machinery is at the far end. Compared with former times, the walk is but little used, but the increased demand for the manufactures of the New Brunswick Cordage Works in other departments compels them to run the walk at its full capacity for the manufacture of large hawsers and tarred ropes of various sizes.

The above gives but an imperfect idea of the manufacture of cordage. As intimated at the beginning of this article, the process is interesting. What only a few years ago had to be done entirely by hand is now done by machinery and better done than was probably by hand labor. By keeping abreast of all improvements in machinery the Messrs. Connor are enabled to manufacture cordage as good as the famous article turned out by New Bedford makers and better than any other maker in Canada. Besides the factory and the walk—both buildings cover a large extent of ground and are considerably over a mile in length—they have a brick building entirely devoted to tarring. This building is provided with steam-heated baths for keeping the tar at an even temperature, and machinery for winding and unwinding the bobbins. So exact has this process become that a given quantity of tar can be put on a rope—that is, it can be thoroughly or only partially saturated, as occasion demands. Within a stone's throw of the tar house is the coal shed, oil and tar warehouse, while at the opposite end of the ground is the warehouse for raw material and manufactured cordage. A visit to this warehouse furnishes conclusive proof that the manufactures of the firm are in good demand, as considerably over two-thirds of the space is stored full of raw material, the other third containing however an assortment of sizes of rope to fill immediate orders.

Messrs. Connor have many other advantages over other concerns, and from the enterprise and business tact and ability they have already displayed there is every reason to hope that their establishment will continue to increase in size. They are all young men yet, and although they have had a business experience of upwards of twenty years the oldest member of the firm is not yet thirty-seven years of age. Their record is one of which any young men might be proud, and one of which their townsmen should also feel a degree of pride commensurate with the enterprise and ability displayed in making and managing "so large a business" for the New Brunswick Cordage Works furnish employment for over 150 people.

The best possible arrangements have been made to prevent fire. A hand fire engine and a quantity of hose are owned by the firm. They have a large steam pump in their boiler house, and two years ago sunk an artesian well which provides them with an inexhaustible supply of good water. Fire extinguishers are scattered throughout the building and a night watchman is kept on duty throughout the year.

Mrs. Langtry Innovates.

(Troy Press.)

Fredrick Gebhard's treat is a subject of general comment at Newport. It occurred the other evening at the public bar of the United States Hotel, at which he, accompanied by Mrs. Langtry, ordered, before a promiscuous crowd of men, two glasses of a potent concoction, which he and his fair companion deliberately drank. This is an English custom which is not likely to become a general habit among refined folk. Mrs. Langtry has also introduced the unique practice of carrying a sunshade while riding horseback. She is a very graceful equestrian, an excellent whip, and her riding habits are the envy of all the fair riders at the Branch.

A Pittsburg parson recently delivered sermons under these titles: "How is the Score?" "He held an Ace Full!" "How is the Show?" "Who is the New Girl?" "Has She Just Struck the City?" "Let Us Have a Game of Pool?" "Are You Trying to Make a Mash?"

FACTS.

I. Saint John has cooler and more enjoyable summer than any other city in America.
II. East I, combined with the elevated position and perfect ventilating facilities of the St. John Business College

renders study, during the warmest weather, as agreeable as at any other time of the year.
III. This combination of favorable circumstances is enjoyed by no similar institution.
IV. We give no summer vacation.
V. Students can enter at any time.

VI. We give a fuller course of study than any other business college.
VIII. Telegraphy is a prominent specialty. Kerr's book-keeping taught to an address for \$1.00. Circulars mailed free.

S. KERR, Principal.

Odd Fellows' Hall

WANTED.

Hides, Calfskins, Sheepskins, Wool and Wool Pickings.

Persons in the country sending the above will promptly receive the highest market prices.

THOS. L. HAY.

Store-room—Head of Alley, 15 Sydney St. Residence—41 Dalhousie Street.

SPECIAL GIFT SALE

—AT THE—

Great London & China Tea Co's,

No. 33 King Square,

—COMING—

SATURDAY, SEP. 3rd,

And ending the following Saturday. To purchasers of 2 lbs. of Tea we will give a handsome French China Mocha Cup and Saucer, worth 60c.

Also—To purchasers of 2 lbs. Tea @ 40c. lb., or 2 lbs. @ 50c. lb., or 5 lbs. @ 30. lb., we will give a handsome pair of Bohemian Vases, worth \$1.00 a pair.

Coffee always Fresh.

Sugars at Net Cost.

G. L. & C. Tea Co's,

33 KING SQUARE.

Secretary's Notice.

The undersigned non-resident ratepayers of School District No. 1, Parish of Lunenburg, in the City and County of Saint John are hereby required to pay their respective School Rates, as set opposite their names, together with the cost of advertising (6 cents each) within two months from this date, otherwise legal proceedings will be taken to recover the same:

	1882	1883	1884	1885	1886
John Hunter	5 00	5 10	4 40	3 00	
John Hunter, Estate	83	53	85	1 20	
Martin J. Craft	68	70			
Thomas Earl	68	70			
James E. Earl	68	70			
Samuel Earl	68	70			
Thos. V. Earl	2 47	2 72	2 72	2 80	
Geo. V. Eastway	68				
Edward O'Brien	1 02				
Daniel Johnson, Est.	68				
Jeremiah O'Connell	2 55	2 25			
R. J. Ritchie	1 08	1 70	1 70	1 70	
Henry Whipple	34				
John Grier	34				
James O'Brien, Est.	1 40				
Joseph O. Dunham	3 02	1 00			
William Jones	68	1 02	1 00		
Andrew MacFarland	85	57			
Robert McIntosh	68	70			
John J. McPherson	1 12				
John McLaughlin, Jr.	34				
James Coyte	34				
Wm. Perry, Jr.	34				
Joseph Wells	85				
Wm. Peterson	1 40				
Wm. Anderson	38				
Isabel Ross	66	68	68	70	

Dated June 13 A. D. 1887.

A. H. DEMILL, Secretary Trustee.

Palmer's Building, St. John.

HOTELS.

Hotel Dufferin

SAINT JOHN, N. B.

FRED. A. JONES, Proprietor.

Royal Hotel,

T. F. RAYMOND, Prop'r

SAINT JOHN, N. B.

New Victoria Hotel,

ST. JOHN, N. B.

D. W. McCORMICK, Prop'r.

CONTINENTAL HOTEL!

(LATE ROYAL.)

King Square, St. John, N. B.

G. RIX PRICE, Owner and Proprietor.

Thoroughly renovated and furnished. First-class in all its appointments.

EXPRESS.

The Intercolonial Express Co. (LIMITED).

Forwards Merchandise, Money and Packages every description; collects bills with Goods, Drafts, Notes and Accounts. Running daily (Sunday excepted), with Special Messengers in charge, over the entire line of the Intercolonial Railway, connecting at Riviere du Loup with the

Canadian Express Co.

for all points in the Province of Quebec and Ontario and the Western States, and at St. John with the

American Express Co.

for all points in the Eastern and Southern States. Branch offices in Summerside and Charlottetown, P. E. I. European Express forwarded and Debenture Goods or Goods in Bond promptly attended to and forwarded with despatch. Special rates for Large Consignments and further information on application to

JAMES DRYCE, Superintendent.

J. R. STONE, Agent.

TO LET.

Shop, No. 9 Canterbury St.,

Lately Occupied by

R. WELCH, as a Custom Tailor.

—Also—

SHOP, 161 BRUSSELS ST.,

Suitable for a Jobbing Blacksmith or Horse Shoeing. Immediate possession given. Rent Low. Apply to

A. G. BOWES & CO.,

No. 21 Canterbury St.

J. D. McAvity,

39 BRUSSELS ST.,

DEALERS IN

Coal and Groceries.

Everybody says that McAvity's Buttermilk is the best in the City.

J. D. McAVITY.

HOWE'S FURNITURE WAREHOUSES.

City Market Building, Germain Street.

We have in Stock and are constantly Manufacturing

Walnut Bedroom Suits,

Ash Bedro Suits,

Painted Bedroom Suits,

Bookcases,

Sideboards,

Wardrobes,

Hat Trees,

Centre Tables,

Whatnots, etc.,

Office Desks and Tables.

In Stock and made to order, Medium and Low priced Bedroom Suits, in great variety.

J. & J. D. HOWE.

SAINT JOHN, N. B., July 21st, 1887.

MR. JOHN HOPKINS, Union Street.

DEAR SIR,—For some years we have been using your pressed Beef and Tongue and have never experienced any injurious effects from their use. We have confidence in your care and methods of preparing the same, that you would not allow anything to be done to affect their purity, and we have no hesitation in continuing the use of the same.

—SIGNED—

Henry J. Thorne, Mayor.	James Harris.	Thomas Dale.
L. B. Bedford, M. D.	Rev. W. O. Raymond.	Thomas W. Eater.
Geo. A. Hamilton, M. D.	S. H. Sherwood.	J. O. Hannah.
Henry C. Preston, M. D.	Mont. McDonald.	J. E. Barnes.
Hamilton Cochran.	R. D. McArthur.	Edw. P. Rotey.
Wm. F. Bull.	J. P. Chisholm.	F. R. Ketchum.
Sam A. Dixon.	E. T. C. Knowles.	F. T. C. Knowles.
J. T. McKean.	Rev. Robert Wilson.	Thomas Likely.
T. B. Robinson.	W. J. Higgins.	John Jackson.
Morris Robinson.	Jas. Thompson.	J. Fred. Sullivan.
Thos. D. Henderson.	George Quiley.	John McLaurichan.
Geo. A. Knedell.	David O'Connell.	Andrew Myles.
Thos. E. Struck.	Thos. E. Struck.	Edw. A. Johnston.
W. C. Gibson.	W. F. Barditt.	M. Hanna.
J. O. Miller.	J. O. Miller.	Henry Harvey.
J. Wilson.	S. Kerr.	John Risk.
R. A. Payne.	Rev. H. P. Cowperthwaite.	Rev. H. P. Cowperthwaite.
Chas. Ledford.	Wm. M. Smith.	Thos. C. Humbert.
Alex. K. Clarke.	Thos. C. Humbert.	Joe S. Wetmore.
George Kees.	W. H. Hayward.	Rev. Henry Pope, D. D.
Alexander Adams.	John C. Crankbank.	Thos. M. Robinson.
John McDonald.	Chas. C. Ward.	
C. N. Skinner.		
H. L. Spencer.		
Rev. Thos. Marshall.		
C. Foster.		
F. C. Washington.		
Morton L. Harrison.		

BOILED AND PRESSED YESTERDAY

CORNED BEEF AND TONGUE.

Also, Something New

PRESSED HAM

Also, Fresh Meat, Poultry, Vegetables, Etc.

BOOTS, SHOES & SLIPPERS

FRANCIS & VAUGHAN,

19 KING STREET.

Are now Showing a Splendid Assortment of

Ladies' and Gents' Boots and Shoes,

In all the Leading American Lines.

ALSO THE BEST SELECTED STOCK OF

Boys', Youths', Misses' and Children's Boots

To be found in the City.

FRANCIS & VAUGHAN,

19 KING STREET.

LANDRY & CO.,

52 King Street, St. John, N. B.

Represent the following First Class Manufacturers.

PIANOS. ORGANS.

Steinway & Sons, Eskey Organ Co.

Aug. Mann & Co., Mason & Hamlin Org. Co.

Albert Weber, Ibach Organ Co.

J. & C. Fisher, Shoninger Organ Co.

Emerson Piano Co. (with Chimes).

We are the only house in the Province devoted exclusively to Music, and conducted by practical Musicians. We repair the above instruments only, and do not deal in Bogus Pianos.

Every instrument sold by us is guaranteed to give the best satisfaction.

WE ALSO KEEP A FULL STOCK OF

Small Musical Instruments, such as Violins, Banjos, Guitars, Cornets,

Flutes, Fifes, Accordions, Harmonicas, &c.

—MUSIC—

Our Stock of SHEET MUSIC and MUSIC BOOKS is the largest and best in the City.

50,000 Pieces of Music at 5 10 Cents. Send for our List of Cheap Music.

LANDRY & CO., King Street, St. John, N. B.

Wines, Liquors, &c.

IN STOCK:

PEDRO DOMINGO'S AND FORRESTER & Co's

Pale, Very Pale, and Brown Sherries.

Santeman's and Silva & Co's Tawny and White Ports.

Cognac, Gorton & Co's Madeiras.

Hennessey, Martell, Bisquit de Beauche & Co., and

Pinet, Castillon & Co's Brandy.

Vintage Brandy in wood, 1855.

James Buchanan & Co. John Walker & Sons, and

Hay, Fairman & Co. Scotch Whiskies.

"The Buchanan Blend." (Same as supplied to the

Refreshment Department, House of Commons, London.)

Dublin Whiskey Distillery, Bagots, Hutton & Co.

and Phoenix Park Irish Whiskies. From one

to six years old.

Hiram Walker & Sons, 1879, Club Rye Whiskey.

John Van Winkle's Geneva, Ball & Dunlop's

Sir R. Burnett's Old Tom Gin.

The above in wood and bottles.

Champagnes.

G. H. Mumm's Dry Versegny, Extra Dry and

Gordon Rouge.

Yvonne Claret, Yellow Label.

Piper Heidsieck, qts. and Pts.

Louis Duvau, Qualite Supérieure, qts., pts. and

ht. pts.

Together with a well assorted stock of other goods

which I can confidently recommend to those re-

quiring a pure article as being the finest brands

imported.

—ALSO—

HAVANA CIGARS,

Which I am constantly receiving in medium and

high grades.

M. A. FINN.

JOHN CHAMBERLAIN,

FUNERAL FURNISHING

Undertaker.

Adult Hearse, also White Hearse

For Children.

WAREHOOM:

No. 15 MILL STREET,

RESIDENCE: