PUBLIC NOTICE. Mails Closing. OITY TIME.

UNTIL further notice Mails will close as follows :

For St. John at 6.45 A. M. For St. Stephen, St. Andrews, Woodstock, the United States, and all points West, at 8.45

A. M. For St. John, Chatham, Newcastle, Nova Scotia, P. E. Island, Quebec, Ontario, Mani-toba, etc., at 12.30 P. M.

ENGLISH MAIL

will close every MONDAY night via New York at 8.30 P. M., and every FRIDAY via Halifax at 11.30 A. M.

Ar Hotel and Street Letter Boxes will be served at 12.00 A. M., and at 10.30 P. M. P. McPEAKE, P. M.

Post Office, Fredericton, January 2nd, 1889- 3i.

NEW STORE.

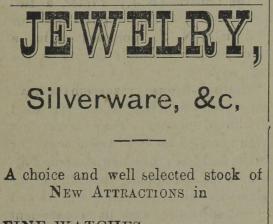
The Subscriber has opened a NEW STORE, corner of



All new and fresh, which will be sold as cheap as any in the trade All goods de-livered free in the city.

COUNTRY PRODUCE A SPECIALITY

W. T. ESTEY. F'ton, Nov. 28, 1888-3 mos.



FINE WATCHES, CLOCKS & JEWELRY, SILVERWARE. GOLD PENS & PENCILS

FRIME MOVERS.

Their Importance as Substitutes for Unintelligent Manual Labor.

The introduction of prime movers as a mere substitute for unintelligent manual labor is in itself a great aid to civilization and to the raising of humanity by rendering it very difficult, if not impossible, for a human being to obtain a livelihood by unintelligent work-the work of the horse in the mill or the turnspit.

But there are prime movers and prime movers-those of small dimensions and employed for purposes where animal power or human power might be substituted, and those which attain ends that by no conceivable possibility could be attained at all by the exertion of muscular power.

Compare a galley, a vessel propelled by oars, with the modern Atlantic liner; and first let us assume that prime movers are non-existent and that this vessel is to be propelled galley fashion.

Take her length as some 600ft., and assume that place be found for as many as 400 oars on each side, each oar worked by three men, or 2,400 men; and allow that six men under these conditions could develop work equal to one horse-power; we should have 400 horse-power. Double the number of men and we should have S00 horse-power, with 4,800 men at work and at least the same number in reserve, if the journey is to be carried on continuously.

Contrast the puny result thus obtained with the 19,500 horse-power given forth by a large prime mover of the present day, such a power requiring, on the above mode of calculation, 117,000 men at work and 117,000 in reserve; and these to be carried in a vessel 600ft. in length. Even if it were possible to carry this number of men in such a vessel, by no conceivable means could their power be utilized so as to impart to it a speed of 20 knots.

This illustrates how a prime mover may not only be a mere substitute for muscular work, but may afford the means of attaining an end that could not by any possibility he attained by muscular exertion, no matter what money was expended or what galley-slave suffering was inflicted.

Take again the case of a railway locomotive. From 400 to 600 horse-power developed in an implement, which, even including its tender, does not occupy an area of more than 50 square yards, and draws us at 60 miles an hour. Here again the prime mover succeeds in doing that which no expenditure of money or of life could enable us to obtain from muscular effort.

To what, and to whom, are these meritorious prime movers due? I answer to the application of science-and to the labors of the civil engineer, using that term in its full and proper sense as embracing all engineering other than military.-Sir Frederick Bramwell.

OPINIONS ABOUT INSECTS.

Some of Them Superstitious and All of Them Interesting. The Koran says all flies shall perish save one, the bee fly.

LEARNED MEN'S VIEWS ON CORSETS.

These Are Not So Bad After All When Not Laced Too Tight.

In the Biographical Section of the recent meeting of the British Association, the vexed question of stays and tight lacing was discussed in a separate department. The attendance of the fair sex was especially large. The general expectation which they apparently entertained that the paper would condemn the wearing of stays was, however, agreeably disappointed.

Mr. C. S. Roy, Professor of Pathology at Cambridge, and Mr. J. G. Adams, University Administrator of Pathology, who had announced a joint paper "On the Physiological Bearing of Waist Belts and Stays," blessed instead of banning these articles.

They had lately been making some pathological experiments, and had found that a good deal of the blood stored uselessly in the abdominal veins is, by slight pressure, placed advantageously at the disposal of the muscles, brain and skin.

This explains how men, as well as women, instinctively employ some method of abdominal compression, wearing waistbands or belts, or the more elaborate corsets, at periods of increased activity.

No doubt fashion has sometimes led to the distortion of the female figure by means of stays, but if not laced too tight the modern corset, by clasping the waist and supporting the bosom and back, constitutes a convenient combination of the different forms of girdle which have been found useful by the women of all civilized nations from the remotest times.

Of course, during sleep they are put off, but during hours of exertion, social or otherwise, reasonable tight lacing is fitted to increase mental and physical activity. They, however, cautioned young ladies against carrying this to an injudicious extreme.

By the way, it was suggested to trainers of horses that if they girthed on the racing saddle behind the ribs instead of over them they would thereby gain for the horse the same advantage as was experienced by the long-distance runner from his broad tight leather-belt.

Several physicians immediately attacked the paper.

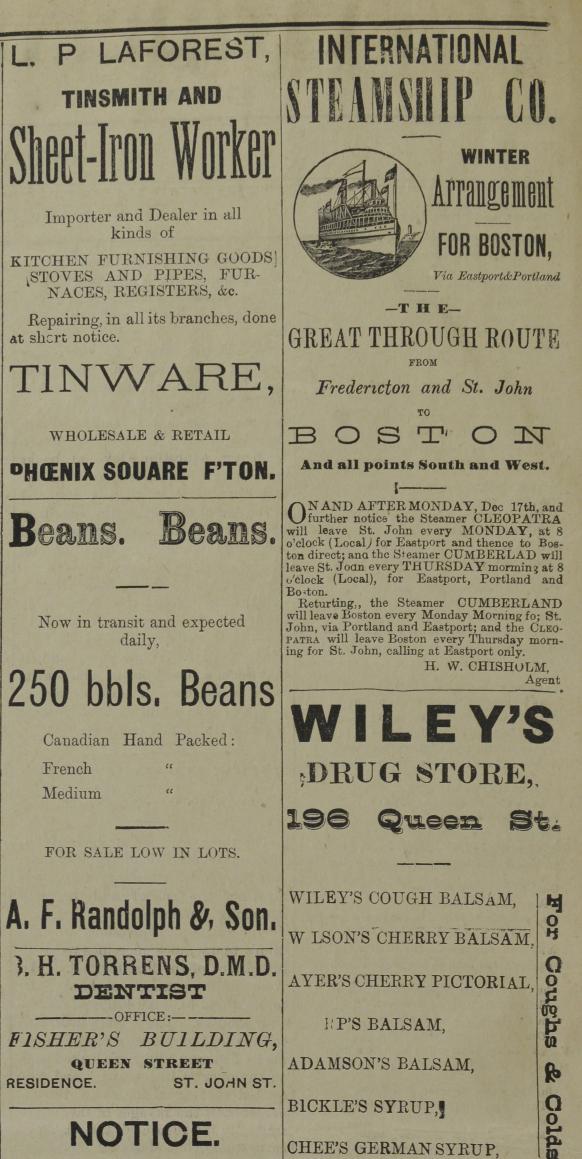
Dr. Wilberforce Smith considered it a most dangerous one to be read to an assembly like that. He declared the evils of tight lacing to be manifold and terrible, and that it is perfectly refreshing to find a girl the muscles of whose back have not been withered by wearing stays.

Miss Becker took the other side and advocated rigid and not elastic stays, at the same time giving her approval of modern fashions as better than some dress reforms.

THE TRUE AMERICAN ARISTOCRACY.

Who Are Worthy To Be Admitted Into Its Membership.

The true American aristocracy is an aristocracy of individual merit, admission to whose charmed circle neither honored lineage nor extraordinary wealth 'ought alone to secure. Behind the lineage or the money should be the man who, though he possessed neither the one nor the other, would still upon the strength of his personal character, be entitled to such admission. Devoid of such character, neither a lineage running back to Cæsar, nor the wealth of a Crœsus, should serve to open to him the door. We want no aristocracy here but one of character and intellect. We have neither use nor desire for the feudal monstrosity of the Old World. We are workers for the common good of a common country and of a common humanity; therefore to those who labor most intelligently and conscientiously be accorded the honor which is elsewhere wasted upon the idling shadow of a moss-grown name.



And Eye Glasses.

SPECTACLES,

Prices that defy competition Everybody delighted. You try us.

Remember the Place.

JAMANIL HUN

258 Queen Street

HARK Something Fell!

YES, FURNITURE CARPETS, CROCKERY and FANCY GOODS have all dropped lower in prices.

READ SOME SAMPLE PRICES.

Walnut Parlor Suits,\$35 00
Marble 100 Unamper Suite 90 or
Woven Wire Mattrasses
Brussels Carpets, 95 cents per yard, cut to
match and made me for yard, cut to
match and made up free of charge.
Dinner Sets from \$7.50 up.
Ivoryware Tea Sets,\$2 75
an Drass Library Lamps ' O be
a control Liamos with Argand Burnows
and Etched Globes—a real beauty, 1 50
White Granite Cura and G
White Granite Cups and Saucers, 50 cts.
and 70 cts. per dozen.
Best Rockingham Teapots, 15 cts., 20 cts.,
20 005.
Best Crimped Chimneys, 4, 5 and 6 cents.
-, -, -, o und o centos.

(Do not pay high prices when there is near you a cheap place to buy.)

JAS G. MCNAL October 9th, 1888.

I. C. SHARP, M. D., C. M.

(Late Resident Surgeon Montreal General Hospital)

Marysville, N.B

It is regarded as a death warning in Germany to hear a cricket's cry. The Tapuya Indians in South America

say the devil assumes the form of a fly. Rain is, in some parts of our own country, expected to follow unusually loud chirping of crickets.

Flies are sometimes regarded as furnishing prognostications in the weather, and even of other events.

Spaniards, in the sixteenth century, believed that spiders indicated gold, where they were found in abundance.

Although a sacred insect among the Ecyptians, the beetle receives but little notice in folk lore. It is unlucky in England to kill one.

In Germany it is said to indicate good luck to have a spider spring his web downwards towards you, but bad luck when he rises towards you.

The grasshopper is a sufficiently unwelcome visitant of himself in this country, but in Germany his presence is further said to announce strange guests.

A Welsh tradition says bees came from Paradise, leaving the garden when man ell, but with God's blessing, so that wax s necessary in the celebration of the mass.

The ancients generally maintained that there was a close connection between bees and the soul. Porphyry speaks of "those souls which the ancients called bees."

It is said that upon the back of the seven year locust there sometimes appear marks like a letter of the alphabet. When this looks like a W it is thought that war is imminent.

German tribes regard stag beetles as diabolic, and all beetles are destested in Ireland, more especially a bronze variety known as "gooldie." It is also believed that to see a beetle will bring on a rainstorm the next day.

There are said to be no spiders in Ireland, nor will spiders spin their web in in Irish oak nor on a cedar roof. A spider s said to have saved Mohammed from his pursuers by spinning its web across a cave where he sought refuge. The same is said of David in the Cave of Adullam. The man who marries for money and fails to get it generally has a sous and cts.-less appearance.-Pittsburg Chronicle-Telegraph.

Wouldn't Drink Any.

Old Jefferson Catnip, upon his first visit to the city, went with a friend to a restaurant. While they were sitting at a table a young fellow, carrying a lawn tennis racquet, came into the room.

Old Jefferson, after regarding the instrument for a few moments, turned to his friend and said:

"John, dinged ef I'd drink any milk in this town." "Why not?"

"Why not? (pointing.) Jest look at the

strainers they use. Blamed ef you could-n't shove a catbird through 'em."-Arkansaw Traveler.

Cousins Ought To Marry, If They Can.

A correspondent wants to know "Ought cousins to marry?" Why, certainly; all the other relatives. get married; why shouldn't a cousin marry?-Burlington Hawk-Eye.

THE MINISTER'S HARD TIME.

A Victim of Unreasonable Social Tyranny and Faultfinding.

First Dame-"How do you like your new minister?"

Second Dame-"Well, he never shirks his pastoral duties, I can say that for him. He attended sixteen funerals and seventeen private christenings last week." "He did?"

"Yes, and he was present at all the mite societies, church sociables, class meetings, etc., besides being at six evening parties given by members of the congregation. His wife told me he had not been in his own home half an hour a day except at meal time, and the evening entertainments and bedside visiting had kept him up so late that he only got about four hours sleep.'

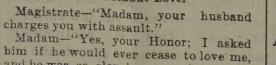
"How noble! He must be a treasure of a minister."

'Yes, in that respect we can't complain, but most of us are much dissatisfied with him, and I think we shall make a change soon.'

"Why, what's the matter?"

"Oh, he preaches such poor sermons." -Living Church.

Life without Love.



and he was so slow in answering that I hit him with a mop. I'm only a woman your Honor, (tears) and a woman's life without love is a mere blight."-Life.

The Man with the Best Memory.

There are some things in this world that we never forget-and the tax collector helps equalize things by never forseving us.-Somerville Journal.

A Woman's Opinion.

There is no difficulty in married life that cannot be surmounted if a union is founded on respect as well as affection. Ninety-nine men out of every hundred will listen to reason if put to them in the right way.

What Civil Engineering Is.

The art of directing the great sources of power in nature for the use and convenience of man.-Thomas Tredgold.

NEW GOODS. James R. Howie, **Practical TailOr.**

I beg to inform my numerous Patrons that I have just opened out a very large and well se-lected stock of NEW WINTER CLOTHS, consisting of English, Scotch and Canadian Tweed Suitings, Light and Dark Spring Overcoatings, and all the Latest designs and patterns in Fancy Trouserings, from which I am prepared to make up in first class style, according to the latest New York Winter Fashions and guarantee to give entire satisfaction. PRICES MODERATE.

Ready-made Clothing in Men's, Youths and Boys' Tweed, Diagonal and Men's All Wool working pants.

MEN'S FURNISHING DEPARTMENT,

MILN 5 FUNNISTING DEFAMINIENT, My stock of Men's Furnishing Goods cannot be excelled. It consists of Hard and Soft Hats of English and American make in all the Novelties and Staple Styles for Spring Wear, White and Regatta Shirts, Linen Collars, Braces, Silk Handkerchiefs, Merino Under-wear, Hosiery and a large and well-selected as-sortment of Fancy Ties and Scarfs in all the Latest Patterns of English and American de signs. Rubber clothing a specialty. signs. Rubber clothing a specialty.

JAMES R. HOWIE

190 QUEEN ST., F'TON. Fredericton, June 12th.



IN FULL BLAST.

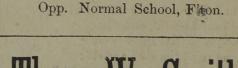
A Wonderful Variety to choose from.

Our Furniture Departments. Our China Departments. Our Colored Ware Departments. Our Table Cutlery Departments. Our Plated Ware Departments. Our Fancy Goods Departments. Our Lamp Departments. Our Doll Departments. Our Bohemian Ware Departments.

Our Tin Ware Departments. Our Sleds and Sleighs Departments. Our Kitchen Ware Departments,

ARE ALL FULL.

PRICES VERY LOW





has completed his stock of

Fall Winter & Cloths

CONSISTING OF

Melton, Knapp, Beaver, Pilot and Worsted Overcoatings, English, Scotch and Canadian Tweeds, French and German, Suitings,

And he feels confident that he can get up the cheapest and best fitting

OVERCOATS, REEFERS

and Suits of Clothes that can be had in this city. In Ready-made Overcoats, Reefers and Suits, he is selling

Overcoats from \$5.00 up; Reefers from \$4.00 up; Suits of Clothes from \$5.50 up; Pants and Vests at the same ratio ; Knit Overshirts, 50 cents each.

Call and examine before purchasing elsewhere.

Hats, Caps and Gents' Furnishing Goods marked down to the very lowest prices-No second price. Inspection of stock respectfully solicited, and will be cheerfully shown. THOS. W. SMITH.

SILV RWARE AND CUTLERY.

Another instalment of Toronto Silver Plate Co's, goods just received. Also a fine assortment of Pocket Cutlery very cheap at J. G. MCNALLY'S