

The Mechanism of Man.

Wonders, at home, by familiarity, cease to excite astonishment. Hence it happens that many know but little about the "house we live in"—the human body.

In the human skeleton, about the time of maturity, are one hundred and sixty-five bones. The muscles are about five hundred in number.

The heart is six inches in length and four inches in diameter, and beats seventy times per minute; four thousand, two hundred times per hour; one hundred thousand, eight hundred times per day; thirty-six million, seven hundred and seventy-two thousand, two hundred times per year; two billion, six hundred and seventy-five million, four hundred and forty thousand times in three-score-and-ten years; and at each beat two and a half ounces of blood are thrown out of it.

The lungs will contain about one gallon of air at their usual degree of inflation. We breathe, on an average, one thousand two hundred times per hour, and inhale six hundred gallons of air, or 24,000 gallons per day.

The average weight of the brain of an adult male is three pounds and eight ounces; of a female, two pounds and four ounces. The nerves are all connected with it, directly or by the spinal marrow.

The skin is composed of three layers, and varies from one-fourth to one-eighth of an inch in thickness. Its average area in an adult is estimated to be two hundred square inches.

Each square inch of skin contains three thousand five hundred sweating tubes or perspiratory pores, each of which may be likened to a little drain-tube one-fourth of an inch long—making an aggregate length of the entire surface of the body, of two hundred and one thousand, one hundred and sixty-six feet, or a tile ditch for draining the body almost forty miles long.

How They Make Pins.

A snappish, voracious little dwarf of a machine pulls in the wire, bites it off by inches incessantly, one hundred and forty bites a minute, and just as it seizes each bite, a little hammer, with a concave face, hits the end of the wire three taps, and "upsets" it to a head, while he grips it in a countersink held between his teeth, and lays it sideways in a groove, where levers and springs, playing lightning, point the pin, and whence they are dropped into a box.

The pin machine is one of the nearest approaches to the dexterity of the human hand that has been invented. It is about the size of a sewing machine, which it closely resembles.

Simpkins playfully remarked to his wife that he had four fools: beautiful, dutiful, youthful, and delightful. "Poor me!" said she; "I have but one."

MOTHER.—Now, Gertie, be a good girl, and give Aunt Julia a kiss, and say good-night.

GERTIE.—No, no! If I kiss her, she'll box my ears, like she did papa's last night.

London House!

We Will Offer on Saturday Next, the 5th inst.,

THE BALANCE OF OUR SPLENDID STOCK OF

Black and Colored Dress Goods,

Cashmeres, French Merinoes, Persian Cards, Paramattas, Repps, Poplins, Serges, Lustres, Coburgs, etc.

A SPECIAL LOT OF

FANCY DRESS GOODS,

at half price.

Balance of Ladies' Trimmed Hats, at half price.

Balance of All-Wool Shawls, at cost.

A Special Lot Selling at half Price.

Balance of Ladies' Wool Scarfs, Clouds, Breakfast Shawls, Sleeveless Jackets and Sacques, AT HALF PRICE.

A Lot of Ladies' Hosiery!

AT COST.

THE BALANCE OF LADIES' ULSTERS

—AND—

WATERPROOF MANTLES

AT HALF PRICE.

THE BALANCE RAILWAY RUGS

AT COST.

SPECIAL LOT, IN

BED QUILTS!

45 cts., 65 cts., and \$1.00 each.

The Balance Red, White and Fancy Flannels at Cost.

Balance All-Wool Blankets,

at the following rates: Pairs for \$4.25 worth \$5.50; \$4.50 worth \$6.00; \$5.00 worth \$6.50; \$5.25 worth \$7.00.

THE BALANCE OF CLOTH AND RUBBER OVERSHOES:

Mens' Plain, \$1.10 per pair; Fancy, \$1.20 per pair; Ladies' Plain, 85 cts. per pair; Fancy, \$1.00 per pair.

300 DOZ. TOWELS!

Special Lines, 4 cts., 8 cts., 12 cts., 25 cts. each. A decided bargain.

SHEETINGS AT COST!

Clothing Department.

The Balance of Men's Reefers, Top Coats and Ulsters,

AT THE FOLLOWING RATES:

Reefers for \$4.00, worth \$4.75; \$5.00 worth \$6.00; \$6.00 worth \$7.00; Top Coats for \$4.75, worth \$5.75; \$5.75, worth \$7.25; \$7.25, worth \$11.25.

Ulsters for \$7.50, worth \$9.00; \$8.50, worth \$10; \$10.50, worth \$12.00.

The Balance of Boys' Clothing

AT A GREAT BARGAIN.

A LOT OF

MEN'S ALL-WOOL FLANNEL SHIRTS,

For \$1.25, worth \$1.75.

THE BALANCE OF

Buffalo and Wolf Robes, Coon Skin Coats, Ladies' Fur Muffs and Mantles,

AT COST.

Black & Colored Silks, at Cost.

A LOT OF

FANCY & JAPANESE SILKS!

AT HALF PRICE.

The Balance of the 7,000-YARDS OF CARPET, advertised during the month of December, in

RICH BRUSSELS, TAPESTRY, WOOLS,

FELTS, &c. &c.

We only ask an inspection of the

CARPET DEPARTMENT

and are confident the prices will give satisfaction, and as with every other department of the house, as the stock is unrivalled for its value and extent.

GEO. DAVIES & CO. January 3rd, 1878.

American & Foreign Patents

Gilmore, Smith & Co., Successors to Chipman, Rosmer & Co.

PATENTS procured in all countries. No fee in advance. No charge for services until the patent is granted. Preliminary examinations free. Our valuable pamphlet sent free upon receipt of stamp.

Address, GILMORE, SMITH & CO., Washington, D. C.

ARREARS OF PAY, BOUNTY, ETC.

FEDERAL Officers, Soldiers and Sailors of the late war, or their heirs, are in many cases entitled to money from the Government, which has been found to be due since final payment. Write full history of service and state amount of pay and bounty received.

Certificates of Adjutant General U. S. A. showing service and honorable discharge therefrom, in place of discharge lost, procured for a small fee.

Enclose stamp to Gilmore & Co., and full reply, with blanks, will be sent free.

PENSIONERS' PENSIONS.

ALL Federal Officers, Soldiers and Sailors, wounded, ruptured, or injured, in the line of duty in the late war, and disabled thereby, can obtain a pension.

Widows and minor children of Officers, Soldiers and Sailors, who have died since discharge of disease contracted or wounds and injuries received in the service and in the line of duty, can procure pensions by addressing Gilmore & Co.

Increased rates for pensioners' pensions. Bounty Land Warrants procured for service in wars prior to March 3, 1855. There are no warrants granted for service in the late rebellion.

Send stamp to Gilmore & Co., Washington D. C., full instructions.

July 24, 1877.

MORTGAGE SALE.

To be Sold, by PUBLIC AUCTION, on TUESDAY, the 12th day of FEBRUARY, 1878 at the Court House in Charlottetown, at the hour of 12 o'clock, noon, of the same day, under and by virtue of a Power of Sale contained in a certain Indenture of Mortgage, dated the 3rd day of January, 1860, and made between Peter McEneaney and Mary his wife, of the one part, and JOHN KNIGHT, now deceased, of the other part—All that Piece and Parcel of Land being part of Township No. 45, and situated near the head of Souris River, bounded on the west and north by land then an occupation of Donald McCormack, and on the east, by land then in the possession of Angus McDonald, and on the south by Souris River—containing fifty-one acres of land, being the farm then and until lately in occupation of the said Peter McEneaney, together with all the Buildings and Appurtenances connected therewith.

For terms and conditions of sale, apply to Messrs. Hodgson & McLeod.

Dated 9th day of November 1877.

JAMES McFARLANE,

EDWARD J. HODGSON,

VERNON H. KNIGHT,

Trustees and Devises under the will of the late John Knight.

Nov. 10—t sale

Harvie's Almanac

1878

PRICE 12 CTS.

Wholesale and Retail at

HARVIE'S BOOKSTORE, QUEEN SQUARE.

and sold by all respectable dealers throughout the Island.

Jan. 3—

House to Let.

Eight rooms, in good repair, lately occupied by Mr. A. McDougall. Immediate possession given. Apply to Mr. A. McDougall, or the undersigned. None but a careful and good tenant need apply.

RICHARD WEEKS.

Charlottetown, Dec. 13, 1877.—tf

Notice to the Public.

SUPPLIES for the "Soup Kitchen" will reach the Committee in left at the Store of Mr. Alex. Horne, corner of Queen and Fitzroy Streets.

Donations of money will be received by them through Dr. Duffin and Mr. J. Quirk.

N. B.—Food for the sick carefully prepared by the Committee.

Dec 27—H

To Trustees of Country Schools

THE Trustees of several Districts have been applying for school furniture, and in every instance consider the American and Canadian Combination Seat and Desk too expensive. I have just got up a Combination that is stronger, neater, and one-third cheaper than those that have been imported. Call and see samples of the different sizes. City School Trustees fully approve of them.

MARK BUTCHER

Dec. 18, 1877—ex 1m ne a pat pres 4i

Winter Express.

THE INTERCOLONIAL EXPRESS CO. will continue their business during the winter via Steamers, "North" and "South". Express closes every Tuesday, Thursday and Saturday evening at 6 o'clock, and is received here on the same evenings at 5 o'clock.

Goods, Valuables, and money, forwarded, making as quick time as the mails.

THEO. L. CHAPPELLE, Agent. Diamond Bookstore, 85 North-Side Queen Square.

Ch'town, Dec. 26, 1887.—3i

SOLE LEATHER—500 Sides No. 1 & 2

CHARVILLON BROS. Dec. 5—pat 3i

The Very Latest!

\$30,000

WORTH OF

Staple and Fancy Dry Goods!

AT COST AND UNDER COST.

J. D. MASON & CO.,

Intending to go out of the business, will offer the whole of their Stock to the Public on and after

Monday, the 21st Jan.

A GENUINE CASH SALE!

NO HUMBUG!

All Goods Marked down at Cost in Plain Figures.

J. D. MASON & CO.,

QUEEN SQUARE HOUSE, 77 QUEEN STREET.

Charlottetown, Jan. 18, 1878.

MERCHANTS MARINE INSURANCE COMPANY

OF CANADA.

Capital \$1,000,000, with power to Increase to \$2,000,000.

HEAD OFFICE: MONTREAL.

RISKS TAKEN DAILY AT THE OFFICE OF

CARVELL BROS.,

Agents for P. E. Island.

Charlottetown, January 17, 1878.

STADACONA

Fire and Life Insurance Company.

NOTICE is hereby given that the Board of Directors of this Company have made a further call of

Four instalments, of Five per Cent. each,

on the Subscribed Capital of the Company, payable at its Office, No. 93 St. Peter Street, Quebec, as follows:—

Five per Cent. on or before the Tenth day of August, 1877,

Five per Cent. on or before the Tenth day of November, 1877,

Five per Cent. on or before the Eleventh day of February, 1878,

Five per Cent. on or before the Eleventh day of May, 1878.

By order of the Board, CRAWFORD LINDSAY, Secretary.

June 5 1877.

Woodenware.

BROOMS, Buckets, Tubs, Washboards, Clothes Pins.

HASZARD BROS.

Sleigh Shoeing Iron.

TWENTY Bbls. 14x2 Refined Iron, Cut and Clinch Nails and Spikes.

For sale by HASZARD BROS.

Smoked Halibut, &c.

40 boxes SMOKED HALIBUT, 20 bundles DRIED POLLOCK.

For sale by HASZARD BROS. December 15, 1877.

FOR SALE—A few second-hand Kerosene Oil Lamps, cheap, at EXAMINER OFFICE, Nov. 27—

OSTRICH FEATHERS

Cleaned, Dyed and Curled. Kid Gloves, Neckties and Ribbons Cleaned and Dyed. Also—Gent's Clothing, etc.

Orders left at the Shop of Mr. W. W. Scrambles, 27 Great George Street, promptly attended to.

G. C. Gilmore, Silk Dyer, etc., Fitzroy Street.

Dec. 26—1m 2aw

MORE SNOW!

Buy Harvie's Almanac

FOR 1878—PRICE 12 CENTS.

Jan. 3—

QUEEN INSURANCE CO.,

OF ENGLAND.

CAPITAL, ... TWO MILLIONS STERLING.

INSURANCE effected on all kinds of Buildings, Merchandise and Produce. Also, on Vessels on the stocks.

Special rates for isolated residences. Losses settled promptly.

GEORGE MACLEOD (Union Bank), Agent for Prince Edward Island, June, 1877—

Codfish, &c.

BOXES and half-boxes selected Codfish, Bbls. Quinlans good-retailing Codfish, Bbls. Labrador Herring, cases Preserved Lobsters.

For sale by HASZARD BROS.

1,000 LOADS OF MANURE For Sale.

NIGHT SOIL and Stable Manure delivered when required. DANIEL GORDON. P. S.—Leave orders for removing Night Soil at Police Station. D. G. Ch'town, Jan. 9, 1878—