JANUARY 7, 1880. CHRISTIAN MESSENGER. THE 8 Ayer's AGRICULTURE. SCIENCE. The Messenger Almanac. Hair Vigor, BARN WITHOUT CROSS-BEAMS .---GIGANTIC TELESCOPE .- The Man-INTERCOLONIAL Since the use of the horse hay-fork has chester Courier has an account of one . JANUARY. of the largest reflecting telescopes in become common, a change has been Last Quarter, Jan. 5th, 2h. 34m. M. 1879 WINTER ARRANGEMENT 1879 " 11th, 6h. 25m. A. the world, which is being constructed made in the construction of barns. For restoring Gray Hair to New Moon. First Quarter, " 19th, 2h. 26m. M. for Sir Henry Bessemer, by Messrs. These buildings are now required to " 27th, 5h. 58m. M. TRAINS leave Halifax daily (Sunday its natural Vitality and Color. Full Moon, Galloway, of Knott-hill, Manchester, be free from obstructions overhead, so L excepted) as follows :--High Tid Day | SUN. MOON. and is estimated to cost £40,000. Its that the movable fork can have freedom (Halifax time.) W. Rise.Sets. Rises. South. Sets. at Halifax A dressing most remarkable feature is the object- to act in any part of the barn. Modern At 8.30 a. m.-Express for St. John, Pic-1|Th. |7 42 4 26 9 10 2 49 9 35 2|Fr. |7 42 4 27 10 17 3 34 9 58 which is at once . 9 55 tou, and intermediate places. glass, 504 in. in diameter, which is be- barns are so designed as to cover as agreeable. 10 31 At 1.16 p. m.-Express for Quebec and ing made under Sir Henry's personal little ground space as possible, thus healthy, and efintermediate places. supervision. It is composed of a sheet saving cost in the roof, to be high rather At 5.30 p. m.- Accommodation for Truro. fectual for preof plate glass, mounted on a marble than spacious, and to be so arranged WILL ARRIVE :serving the At 9.16. a. m. - Accommodation from bed, and covered with a film of silver, that there shall be no cross-beams to hair. Faded or 8 Th. 7 41 4 33 4 27 8 42 0 57 3 38 1,200,000th of an inch thick. The sur- interfere with the run of the hay-fork Truro. gray hair is soon 9 Fr. 7 41 4 34 5 35 9 45 1 55 4 56 At 1.56 p. m., -Express from Quebec and from St. John. face of the glass is first polished to a with its load from end to end. Those 10 Sa. 7 41 4 35 6 37 10 49 3 1 6 11 restored to its At 8.30 p. m.-Express from St. John, and 7 11 true spherical curve, which is then con- who are interested in designing or conoriginal color, Pictou. 8 5 verted to a parabolic one by reducing structing barns are, therefore, obliged 13 Tu. 7 39 4 39 8 36 1 43 6 50 with the gloss and freshness of youth. 8 51 Dec. 3, 1879. the surface. The ordinary cost of this to take this into account in making 14 W. 7 39 4 40 9 3 2 32 8 1 9 38 Thin hair is thickened, falling hair 15 Th. 7 38 4 41 9 25 3 18 9 11 16 Fr. 7 38 4 42 9 48 4 3 10 18 10 19 most difficult operation would be about plans. A frame for a barn has been checked, and baldness often, though 10 58 £4,000, but Sir H. Bessemer has de- designed with this end in view. It is not always, cured by its use. Noth-17 Sa., 7 37 4 44 10 9 4 46 11 23 11 34 vised a new mechanism which will give intended to have ranges of stables or 18 SU. 7 36 4 45 10 33 5 30 M M ing can restore the hair where the 0 14 a more accurate curve at a cost of about stalls for cattle below, with a wide floor follicles are destroyed, or the glands WINDSOR & ANNAPOLIS 0 53 as many shillings. The silver on glass between these to be used for the puratrophied and decayed. But such as 1 41 speculum reflects 90 per cent. of the pose of feeding and preparing food, 2 40 remain can be saved for usefulness Railway. 23 Fr., 7 33 4 52 1 39 9 29 4 28 4 light, while one of metal only reflects Above these are the bays for storing by this application. Instead of foul-24 Sa., 7 32 4 53 2 35 10 19 5 19 5 22 6 28 63 per cent. The trunnions on which hay and grain, on either side, and the 25 SU. 7 31 4 55 3 39 11 10 6 3 ing the hair with a pasty sediment, it Winter Arrangement, 26 M., 7 30 4 56 4 46 11 59 6 41 the tube of the telescope moves are 5ft. frame is so arranged that sufficient 7 16 will keep it clean and vigorous. Its $\begin{array}{c} 20 \ \text{M}... 7 \ 50 \ 4 \ 50 \ 4 \ 40 \ 11 \ 50 \ 6 \ 41 \\ 27 \ \text{Tu} . 7 \ 29 \ 4 \ 58 \ 5 \ 52 \ \text{M} . 7 \ 12 \\ 28 \ \text{W} . 7 \ 28 \ 4 \ 59 \ 7 \ 1 \ 0 \ 45 \ 7 \ 38 \\ 29 \ \text{Th} . 7 \ 27 \ 5 \ 0 \ 8 \ 9 \ 1 \ 32 \ 8 \ 3 \\ 30 \ \text{Fr} . 7 \ 26 \ 5 \ 1 \ 9 \ 18 \ 2 \ 17 \ 8 \ 25 \\ 30 \ \text{Fr} . 7 \ 26 \ 5 \ 1 \ 9 \ 18 \ 2 \ 17 \ 8 \ 25 \\ \end{array}$ Commencing 4th Dec., 1879. 7 55 6in. from the floor and hollow, one of strength and stiffness is given to it by occasional use will prevent the hair 8 29 y obly. y obly. s and v, Thu.. them serving as the eye-piece, which is bracing in each bent. The bents are 9 3 from turning gray or falling off, and -9 37 thus always in the same spot. The connected as usual on the outside by consequently prevent baldness. Free 31 Sa. 7 25 5 3 10 29 3 3 8 48 10 13 Express Mon., and Eaturday Passengers a Freight, Tues., and Friday o the plates and girts and on the inside from those deleterious substances "finders" are two achromatic 7in, re-THE TIDES.-The column of the Moon's by the beam which sustains the floor GOING WEST. fracting telescopes, placed near the eyewhich make some preparations dan-Southing gives the time of high water at above the stables, strongly braced to gerous, and injurious to the hair, the Parrsboro, Cornwallis, Horton, Hantsport, piece. the posts, and by purline plates upon Windsor, Newport, and Truro. Vigor can only benefit but not harm High water at Pictou and Cape Tormenthe inner posts; cross-beams run from it. If wanted merely for a tine, 2 hours and 11 minutes LATER than HOW FAR CAN WE HEAR WITH THE one purline plate to the other, and the at Halifax. At Annapolis, St. John, N.B., and Portland Maine, 3 hours and 25 min-A. M. A.M. P. M. TELEPHONE ?- This a question fre-

HAIR DRESSING,

All And

Daily.

Frgt.

8

Wh

Wh

The

The

Re "a

Th

sec

cen

san

infi

disc

sys whi

the

be

it v

suc

the

abl

tru

and

tati

tai

exi

are

ful

has

had

has

dra

mo

em

une

has

fied

cha

Inf

fou

tru

tio

the

a

un

his

he

ear

ten

thi

an

suc

de

ma

the

Go

ma

tia

Is th

That

By '

Arou

utes LATER, and at St. John's, Newfoundland, 20 minutes EARLIER, than at Halifax. At Charlottetown, 2 hours 56 minutes LATER. A Westport, 2 hours 54 minutes A Yarmouth, 2 hours 20 minutes LATER. LATER.

FOR THE LENGTH OF THE DAY.-Add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising.

FOR THE LENGTH OF THE NIGHT .- Subtract the time of the sun's setting, from 12 hours and to the remainder add the time of rising next morning.

BAPTIST CHURCH REQUISITES.

Articles and Covenant \$1.00 per 100. Church Record and Register \$2. and \$3 each.

Alphabetical List of Members 40 cents

Letters of Dismission 50 cts. per quire. Psalmists, in all varieties, from 85 cts. Baptist Hymn Book from 50 ets. Baptists Hymn and Tune Book \$1.00 and \$2.25.

Scripture Catechism, \$6.00 per 100. CHRISTIAN MESSENGER OFFICE, No. 69 & 71 Granville St., Halifax.

April 15.



obtained for new inventions, or for improvements in old ones. Caveats, Trade Marks and all patent business promptly attended to.

INVENTIONS THAT HAVE BEEN REJECTED may still, in most cases, be patented by us. Being opposite the U.S. Patent Office, and engaged in PATENT BUSINESS EXCLUSIVELY, we can secure patents in less time than those who are remote from Washington and who must depend upon the mails in all transactions with the Patent Office.

When Inventors send model or sketch we make search in the Patent Office and advise as to its patentability FREE OF CHARGE. Correspondence confidential, prices low, and NO CHARGE UNLESS PATENT IS OBTAINED.

We refer to Hon. Postmaster General D. M. KEY, Rev. F. D. POWER, to officials in the U.S. Patent Office, and especially to our clients in every State of the Union and in Canada. For special references, terms, advice, &c., Address

C. A. SNOW & CO., OPPOSITE PATENT OFFICE, WASHINGTON, D. C. July 23.

quently asked, but we believe has not frame for the hay-carriage is suspended yet been definitely settled. The longest distance that we have seen mentioned is given in the item below, namely, two thousand miles. But perhaps Mr. Edison has had more extended experiences. If so we should be glad if he would let our readers know.

An exchange states that Mr. Robert A. Packer, superintendent of the Pennsylvania Railroad, is at present hunting with a party of gentlemen in Nebraska. A few days ago he for two hours conversed pleasantly with his wife and friends at Sayre, Pa., his hrother at Mauch Chunk, Pa., and friends along the line. The medium was the railroad and Western Union Telegraph wires and Edison's telephone. At the office in Bethlehem, Pa., connection was made with the Easton and Anaboy wire, and at Perth Amboy with a Western Union wire, and thence to Chicago and North Bend, Nebraska, where the party are. The distance was about two thousand miles, and every whisper was audible.-Scientific American.

VARIETIES.

A curious sign has been adopted by a native baker in India, proud of his knowledge of English. "European loafer" is printed in large letters over his door, and the baker is evidently quite unaware of the colloquial uncomplimentary meaning of the word.

Is a collector of moths a mother ?---Boston Post. No more that a collector of fat is a father. - Commercial Bulletin. Well then, is a man who eats broth a brother ?- Boston Post. No, but if he assists, he is a twin to a sister.

NICE LITTLE GIRL.-" Oh, do let

me see you drink?" Captain Grogson.-"Why, my dear?" says you drink like a fish."

to these. This mode of framing gives great strength without any interfering timbers inside to come in the way of unloading hay or grain, as the bays are entirely open from the lower beams up to the purline plates .- American Agriculturist.

THE HOUSEHOLD

To wash windows have a pail partly filled with tepid water ; throw in a teaspoonful of powdered borax; have one small chamois dipped into the borax water, to wash the windows ; then with a dry chamois rub the windows dry, and polish. In this way the windows may be cleansed in a very few moments.

The wicks of kerosene lamps should be changed frequently, or, if not too short, washed in strong hot soapsuds, with some ammonia in the rinsing from kerosene lamps arises from the wicks being full of the sediment or refuse matter which comes from the oil, and that impedes the free passage of the kerosene through the wicks.

BEEFSTEAK WITH ONIONS .- An dredge flour over it, and add by degrees a cup of boiling water with more seasonhave been boiled, cut them up and put put them in the pan, having taken out the steak; add a lump of butter and a little more flour, stir them to prevent scorching, and when the onions are well browned, put in the steak, and place the whole over the fire till heated thoroughly. In serving, heap the

onions upon the steak. A jelly made from cider after the Nice Little Girl.-" Because ma following recipe is said to be very nice: Take a gallon of cider, before termentation has commenced, and boil it down Some newspaper man asks the girls in a porcelain kettle to two quarts; skim

nothing else can be found so desirable. Containing neither oil nor dye, it does not soil white cambric, and yet lasts long on the hair, giving it a rich, glossy lustre and a grateful perfume.

Prepared by Dr. J. C. Ayer & Co., Practical and Analytical Chemists, LOWELL, MASS.

BROWN & WEBB, Halifax,



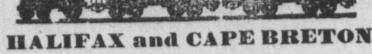
obtained for Inventors, in the United States, Canada, and Europe, at reduced rates. With our principal Office located water. The trouble with poor light in Washington, directly opposite the from kerosene lamps arises from the United States Patent Office, we are able to attend to all Patent Business with greater promptness and despatch and less cost, than other patent attorneys, who are at a distance from Washington, and who have, therefore, to employ "as-sociate attorneys." We make preliminary examinations and furnish opinions as to patentability, free of charge, and all who are interested in new inventions and English recipe: Pound the steak, season and fry in a frying-pan; then season and fry in a frying-pan; then season and fry in a frying-pan; then season and fry in a frying-pan complete instructions how to obtain Patents, and other valuable matter. We refer to the German-American National ing. Drain the onions which must Bank, Washington, D. C.; the Royal Swedish, Norwegian, and Danish Lega-tions, at Washington; Hon. Jos. Casey, late Chief Justice, U. S. Court oi Claims, to the Officials of the U. S. Patent Office, and to Senators and Members of Congress from every-State. Address :

LOUIS BAGGER & CO., Solicitors of Patents and Attorneys-at-Law, LeDroit Building, Washington, May 1. D. C.

Nova Scotia Book Bindery, C. & T. PHILLIPS,

Corner Granville & Sackville Streets. BOOK BINDERS, PAPERS RULERS, BLANK BOOKS, Manufacturers, Perfor-

5	Hallfax Windsor. Wolfville. Kentville,	Arrive	9 30 10 24	10 30 11 30 12 00 P.M.	5 45 6 53 7 15
33	Do. Berwick.	Leave	11 32' P. M.	12 30 1 18	
	Middleton. Annapolis.	Arrive	$ \begin{array}{r} 12 & 20 \\ 1 & 45 \end{array} $	2 30 4 20	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
1	St. John,	do	7 30		Normal State
1	GOING E	AST.	I Freight ily.	nd Freight Thursday iday only.	Mon. Wed. urday only.
MIICS.		-	Pass. and Da	Pass. a Tuesday and Fr	Express and Sat
	St. John,	Leave	A.M.	A. M.	A.M. 8 00 P.M.
	Annapolis, Middleton. Berwick.	Leave	el prim	7 30 9 23 10 45	2 15 3 38 4 27
	Kentville, do	Arrive		11 35 12 00 P.M.	
84	Wolfville. Windsor, Halifax	Arriv			6 30
Mo An	Steamer "Scut onday, Wedne napolis, and ival of train.	esdav	and	Satura	iy lor
	Carl Meren				



Leaves Antigonish at 9 a.m., and New Glasgow at 1.45 p. m. Arrive at New Glasgow at 11.30 a. m.,

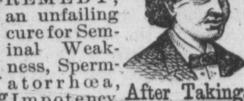
RAILWAY.

and at Antigonish at 4.15 p.m.

CRAY'S

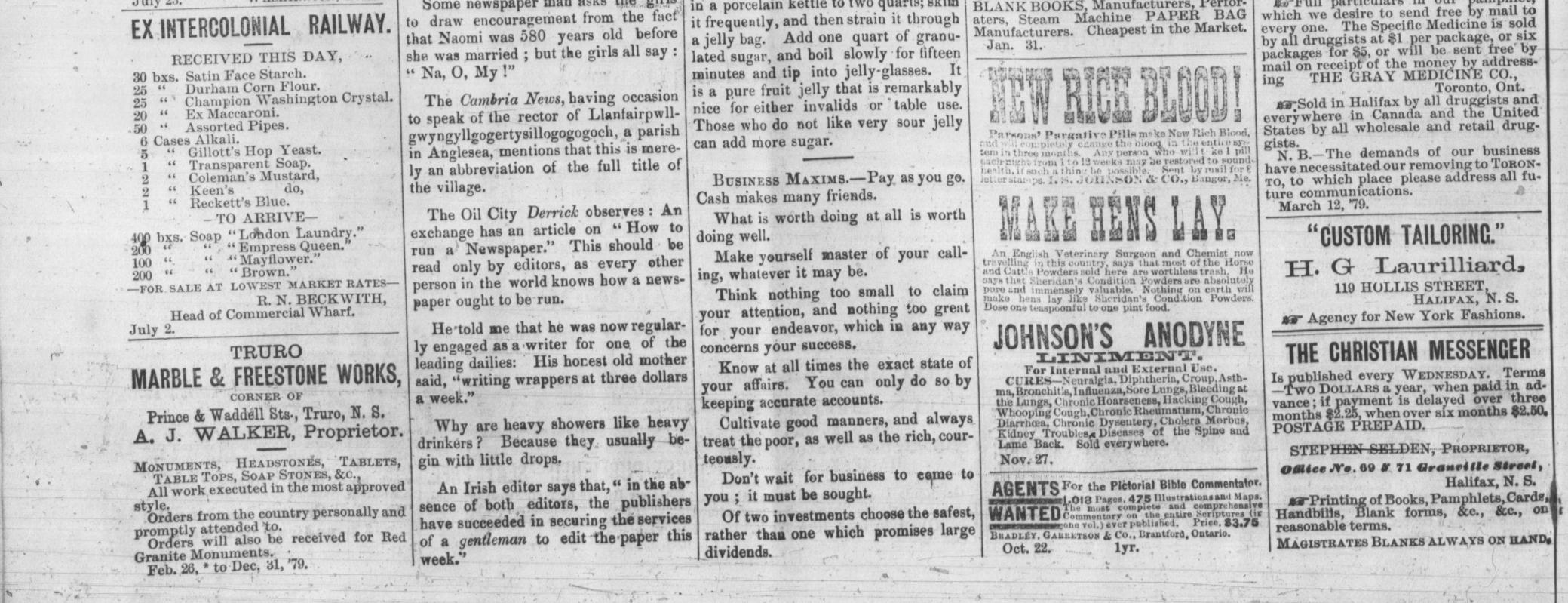
TRADE MARK.

MEDICINE. SPECIFIC TRADE MARK. THE GREAT ENGLISH REMEDY,



Before Taking Impotency, After Taking. and all diseases that follow as a sequence of Self-Abuse; as loss of Memory, Uni-versal Lassitude, Pain in the Back, Dimness of Vision, Premature Old Age, and many other Diseases that lead to Insanity or Consumption and a Premature Grave. Full particulars in our pamphlet,

Presidente



or management