Huron Signal.

"The Greatest Possible Good to the Greatest Possible Number."

VOL. XXXII. NO. 18. GODERICH, ONTARIO, WEDNESDAY, MAY 14, 1879. WHOLE NO 1682

The Huron Signal,

(ESTABLISHED 1848.)
One of the Largest Papers published in Canada. Printed and published at Goderich, Ontario, every

WEDNESDAY MORNING.

At the office, Montreal Street, adjoining the Market Square by

THE SIGNAL PRINTING Co.

TERMS.—$1.00 per annum strictly in advance; $1.50 if paid within three months; $1.50 if paid within nine months, and over that time $2 00. No paper discontinued till all arrears are paid, except at the option of the publishers.

RATES OF ADVERTISING:

Eight cents per line for the first insertion, and two cents per line for each subsequent insertion. Local notices, 10 cents per line for each insertion. Business cards not exceeding 6 lines, $4 per annum, from 6 to 10 lines $6. For a number of insertions to be reckoned by the space occupied measured by a scale of solid Nonpareil. Advertisements without specific directions, will be inserted until forbid, and charged accordingly. Special contracts for definite terms are made at low rates.

If the above rates will in all cases be strictly adhered to.

Advertisements intended for insertion in any particular issue should reach the office by noon on Tuesday.

The large circulation of the SIGNAL makes it as an organ and advertising medium.

JOB WORK OF ALL KINDS

executed with neatness and despatch. Bills printed while you wait. Orders by mail punctually attended to.

Business Directory.

Dentist.

M. Nicholson,
SURGEON DENTIST
OFFICE AND RESIDENCE, West Street Three doors below Bank of Montreal Goderich. 1609

Medical.

C. O. Shannon M.D.
PHYSICIAN, SURGEON, &c., &c., Goderich Ont., will visit patients at any hour, night or day. 1246-tf

DR. McLEAN,
PHYSICIAN, SURGEON, CORONER &c., office and residence on Bruce Street second door west of Victoria Street. 1527 1-yr.

Dr. Cassady,
McGill College
PHYSICIAN, SURGEON, &c., Office, and residence, corner South and High Streets Goderich, Ontario. 1536

Legal.

Cameron, Holt & Cameron.
BARRISTERS, SOLICITORS IN CHANCERY, &c. Office, Market Square, Goderich. M. C. CAMERON, Q.C., F. HOLT, M. G. CAMERON.

H. L. DOYLE,
BARRISTER AND ATTORNEY, SOLICITOR in Chancery, &c., Goderich and Seaforth, Ont. 1537

Seager, Wade & Morton
BARRISTERS, &c., &c., Goderich & Wingham
C. Seager Jr. E. E. Wade. Goderich
J. A. Morton. Wingham.

Garrow & Meyer,
BARRISTERS, ATTORNEYS, SOLICITORS, &c Office, corner Square and Hamilton Street Goderich and Wingham.
J. T. GARROW. H. W. C. MEYER, Wingham.

E. CAMPION,
(LATE OF E. E. DOYLE'S OFFICE)
ATTORNEY-AT-LAW, SOLICITOR IN CHANCERY, Conveyancer, &c. OFFICE—Over Doidge's shop, Market Square, Goderich, Ont. 158e tf.

S. Malcomson,
BARRISTER & SOLICITOR, office corner of West St. and Market Square over George Acheson's, Goderich. 1557 1 yr

J. WOODMAN,
ATTORNEY, SOLICITOR, CONVEYANCER, &c office opposite Colborne Hotel, Hamilton Street, Goderich, Ont.
MONEY TO LEND.
1647 1 yr.

Miscellaneous.

REV. C. FLETCHER,
ISSUER of MARRIAGE LICENSES Office, West side of St. Andrew's Street, Goderich 1432-1y

Buchanan, Lawson & Robinson
HAVE on hand all kinds of Sashes, Doors, Blinds, Mouldings, and Dressed Lumber, at the Goderich Planing Mill 1509.

J. T. DUNCAN, V. S.
GRADUATE OF ONTARIO VETERINARY COLLEGE. OFFICE, STABLES & RESIDENCE, St. Andrew's Street, back of D. Ferguson's Store, and directly opposite the residence of Horace Horton, Esq., M. P.
N. B.—Horses examined as to soundness. 1313

E. WOODCOCK,
Land Broker,
CONVEYANCER AND GENERAL AGENT,
MONEY TO LEND
At Lowest Rates.
OFFICE—Acheson's Block, West Street over the Post Office, Goderich Ont.

J. C. CURRIE,
LICENSED AUCTIONEER for the County of Huron
CHARGES MODERATE
Orders left at *Signal* Office will receive prompt attention.
Goderich, April 2nd 1879 1676 1 yr.

Painters.

E. R. WATSON,
HOUSE Sign and Ornamental Painter. Paper Hanging made a specialty.
GRAINING
GILDING
GLAZING
Rear of North Street opposite the Registry Office Goderich. 1494 1y

F. R. MANN.

EAST STREET,
OPPOSITE
Knox Church Goderich
1517 1y

Nervous and Mental Depression.

The indefinable mental distress and alarm which so often afflict the patient in Hypondriasis, Hysteria, Dyspepsia, and other diseases depending on nervous exhaustion, yield more surely and rapidly to PHOSFOZONE than to any other medicine; and exercising, as it does, so potent and so permanent an influence on the nutrition, molecular balance, activity and force of the brain and great nervous systems, is sufficient to entitle PHOSFOZONE to a foremost place in therapeutics, being extensively used and prescribed by physicans, and recommended by all medical journals.

PHOSFOZONE is sold by all druggists, in bottles, at $1 each, or six for $5.

Insurance.

GODERICH AGENCY
OF THE
Trust & Loan Company of Canada,
Incorpoated by Royal Charter.
CAPITAL—ONE MILLION POUNDS STERLING.
Funds for Investment.
LOANS made on the Security of approved Farm or City or Town Property for periods of Five years or to suit the convenience of Borrowers, and either repayable at expiry of time or by annual instalments. Payments in reduction of Loans will be accepted at any time on favorable terms.
Approved Mortgages purchased.
G. M. TRUEMAN,
Agent
1317 Market Square Goderich

R. RADCLIFFE,
FIRE, MARINE, LIFE AND ACCIDENT INSURANCE AGENT.
Representing first-class Companies. Also agent for the
Canada Live Stock Insurance Co'y
MONEY TO LEND
On mortgage either on Town or Farm Property, in any way to suit the borrower.
OFFICE: (Up stairs) KAY'S BLOCK, Goderich, Ont.

THE
MUTUAL LIFE ASSOCIATION
OF CANADA.
HOME OFFICE: HAMILTON, ONT.
Premiums Absolutely Non-Forfeitable
After two Annual Payments, and Profits distributed equitably and entirely among the Policy-holders.
BOARD OF DIRECTORS.
JAMES TURNER *President*; ALEX. HARVEY, *Vice-President*; J. M. WILLIAMS, M. P. P., DONALD MCINNES, J. M. BUCHAN, JOHN HANVEY, JOHN TURNER, H. T. RIDLEY, M. D., ANTHONY OGDEN, D. B. CHISHOLM, DANIEL MCKENZIE.
DAVID BURKE, Manager. WM. SMITH, Secretary.
RICHARD BULL, Superintendent of Agencies,
JOHN RUSSELL,
1666 1 yr Agent at Goderich.

STANDARD
FIRE INSURANCE
Company.
Capital, - $3,000,000.
A general Fire Insurance business done at equitable rates.

FARM BUILDINGS
—AND—
Town Dwellings
insured for
THREE YEARS
AT LOWEST RATES.
This company has made a deposit with the Ontario Government for the protection of policy holders in this province alone, equal to that made by mostother companies for the protection of policy holders in the Dominion.
Further particulars can be had from any of the agents or by applying at the County head office,
ALEX. McD. ALLAN,
General Agent for Huron County
Goderich, Dec. 19th 1877.
1601

Marble Works.

Goderich & Kincardine

MARBLE WORKS.
HEADSTONES,
HOUSE TRIMMINGS,
MONUMENTS.
And work of all kinds in Marbles designed and executed in the best style and at most reasonable prices.
MARBLE MANTLES
KEPT IN STOCK,
GRANITE MONUMENTS,
AND
HEADSTONES.
Imported to order.
ALL WORK WARRANTED.
SCOTT & VANSTONE.
1527-1y.

THE
PARK HOUSE,
Goderich, Ontario.
CAPT. E MARLTON has now refitted the premises formerly known as the Sumner Hotel, Families, Commercial Travellers, and other boarders Will find this a very desirable place to stay at, and Terms extremely moderate. Travellers by the Bentry and Saginaw Steamers will find this the most convenient House in Goderich.
This Hotel is delightfully situated, commanding, as it does, views of the River Maitland, the Harbor and the Lake.
Good Stabling in Connection.
Goderich, Feby., 19, 1879. 1670

Financial.

$10 to $1000 Invested in Wall Street Stocks makes fortunes every month. Book sent free explaining everything
Address BAXTER & CO., Bankers, 17 Wall St., N. Y
16521 y.

MONEY TO LEND.
PRIVATE FUNDS ON REAL ESTATE: Moderate and reasonable charges. Interest from sight to ten per cent according to security.
J. T. GARROW,
January 27th, 1876, Solicitor &c. 1511-tf

$50,000.
PRIVATE FUNDS to lend on good Farm or first-class Town Property at 8 per cent
Apply to
1580 R. RADCLIFFE.

$100,000
TO LEND on first class Farm and Town Property Term reasonable, apply to
J. WOODMAN,
1612 tf. Hamilton St. Goderich.

7½ Per cent.
PRIVATE funds to lend on the above rate on first class security. No delay. Apply at once to,
SEAGER WADE & MORTON.
1657 1yr Goderich

$20,000.
PRIVATE FUNDS to lend on Farm and Town property at lowest interest, Mortgages purchased, no Commission charged, conveyancing fees reasonable.
N. B.—Borrowers can obtain money inside any little satisfactory.
DAVISON & JOHNSON,
Barristers, &c.
1441-1 Goderich

$500,000.
HALF a million dollars to lend on farm or town property at
Six Per Cent.
Principal and interest payable in quarterly, half yearly or yearly instalments to suit borrowers.
Apply to
E. CAMPION,
1590 tf. Solicitor. Goderich

MONEY TO LEND
At Greatly reduced Rates of Interest
THE undersigned has any amount of money to loan from one to fifteen years, at a low rate of interest and favourable terms of repayment, payable by yearly instalments; rate of expenses will defy competition.
HORACE HORTON
Appraiser for the Canada Permanent Building & Savings Society, of Toronto.

INSURANCE CARD
The Subscriber is agent for the following first-class Insurance Companies:
PHOENIX of London, England.
HARTFORD of Hartford.
PROVIDENT of Toronto.
BRITISH AMERICA, of Toronto.
Fire & Marine business done at the lowest possible rate.
HORACE HORTON
Office Market Square, Goderich.
Oct. 26th 1870. 856-1y

Money to Loan
THE CANADA LANDED CREDIT COMPANY, TORONTO.
JOHN LAING BLAKIE, ESQ., President.
MONEY is lent by this Company to Individuals upon the same terms as to municipalities.—Send for Circulars
HUGH HAMILTON,
1y C. L. Agent, Goderich

$75,000.00 TO LEND ON REAL ESTATE Terms Favourable.
APPLY TO B. L. DOYLE, GODERICH.

The Superior Savings
AND LOAN SOCIETY,
—o—
DIVIDEND NO. 6.
Notice is hereby given that a Dividend of four per cent has been declared for the half year ending 31st Dec. 1878 on the paid up Capital Stock and the same will be payable at the office of the Society on and after
Thursday 2nd January 1879,
The transfer books will be closed from the 23rd Dec. to 2nd January, both days inclusive, by order of the Board.
JAS MILNE.
Manager.

ANCHOR LINE.
UNITED STATES MAIL STEAMERS,
Sail from New York for
GLASGOW, every SATURDAY;
LONDON, every WEDNESDAY;
From New York to Glasgow, Londonderry, Belfast or Liverpool,
SALOON CABINS, $60 to $80, CURRENCY.
SECOND CABIN, including all quisite $40.
TO LONDON DIRECT.
SALOON CABINS, $55 and $65
Excursion Passage at Reduced Rates.
STEERAGE $28.
Passengers accommodations unsurpassed for elegance and comfort. All State rooms on main deck, and Saloon amidships.
For Books of Information, Plans &c.
Apply to HENDERSON BROTHERS,
7 BOWLING GREEN, NEW YORK
Or to
MRS. E. WARNOCK, Blake's Block,
Agent at Goderich

Stationery.

OPENING
OF
HOLIDAY GOODS
CALL, SEE,
and be delighted with the
VARIETY AND QUANTITY
OF
GIFTS,
BOOKS
DESKS,
WORK BOXES,
ALBUMS,
POCKET BOOKS,
PURSES,
CUPS and CHINA GOODS,
VASES,
TOILET SETS,
STATUETTES,
TOY BOOKS,
TOYS NOTION and NICK NACK'S,
DIARIES!
and a large assortment of
Stationary & Christmas Cards
on hand and cheap at
BUTLER'S

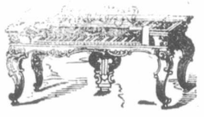
Furniture.

FURNITURE.
D. GORDON
Has now on hand one of the Largest Stocks of furniture in the County.
He invites inspection. Will give a reasonable discount to cash purchasers.
In the undertaking line will be prepared to conduct funerals in first class style, having purchased the best Hearses west of London. Charges moderate. 2 doors west of P. O

Extensive new Premises
AND
Splendid New Stock.

C. Barry & Bro.
Cabinet Makers, Undertakers and Wood Turners.
Hamilton St.
Have removed across the street to the store next door to W. Acheson's Harness shop, where will be found
A GOOD ASSORTMENT!
of Kitchen, Bedroom, Diningroom, and Parlor Furniture such
TABLES,
CHAIRS, (hair, cane and wood seated)
CUPBOARDS,
BEDSTEADS,
WASH STANDS,
MATTRESSES,
LOUNGES,
SOFAS
Wnatnots, Looking Glasses,
GILT FRAMING
C. B. & Bro. are prepared to sell everything in their line
Cheap for Cash.
N. B.—A complete assortment of Coffins and Shrouds always on hand, and a Hearse to hire; at on reasonable terms
A CALL SOLICITED.
Goderich, Aug. 16, 1870

Manoes and Organs.


MUSIC, MUSIC.
The GLOBE says: "In all probability we will in 10 years good times again."
And as the public will again be in a position to purchase instruments, I can offer
PIANOS AND ORGANS
of Canadian and American Manufacture at less prices than can be purchased elsewhere, as I am under no expense in doing so, on time or will give a large discount for cash.
2 doors West of P O.
DANIEL GORDON,

FOR MANITOBA AND ALL POINTS IN THE NORTH WEST.
North West Transportation Co.
(LIMITED)

The largest, most powerful, best equipped steamers on the lakes, composed of the following first class Boats:
MANITOBA, Capt. J. B. Syms,
QUEBEC, Capt. E. Anderson.
ONTARIO, Capt. E. Robertson.
One of the above magnificent steamers will leave Windsor every Friday morning, Sarnia every Tuesday and Friday evenings and Goderich every Wednesday and Saturday morning for Duluth making sure and direct connections there with the Northern Pacific railroad for Manitoba and all points West, and calling at Kincardine, Southampton, Bruce Mines, Hilton, Sault St. Marie, Bachawaning Michipicoten, Silver Islet, Prince Arthurs Landing, Fort William, (Weather permitting.)
Parties shipping stock by this line will make as good time, get cheaper rates and receive stock in better condition than if shipped by rail.
Be sure and buy your tickets viz, N. W. T. Co., steamers.
WM. LEE, Agent, Goderich
HENRY BEATTY, General Manager.

Rheumatism Cured in 12 Hours.
BRUNTON'S
Rheumatic Absorbent.
DYSPEPSIA.
Brunton's Digestive Fluid cures Dyspepsia in a short time and is the best Blood Purifier known to science.
SOLD BY ALL DRUGGISTS

Poetry.

The Schoolboy's Lament.

Teach, teach, teach,
On every day of the week,
And thrash, thrash, thrash,
From your head down to your feet.
Reading and spelling and writing,
Grammar and geography,
Till a poor boy's brains
Are full of pains,
And he's tired as tired can be.

Write, write, write,
The moment you're out of line,
And write, write, write,
Until it is half-past nine;
Scratch and scribble and scrawl,
And blot and blur and smear
Till the teacher comes
And warms your thumbs,
And makes you feel ever so queer.

Work, work, work,
Your examples until eleven,
And work, work, work,
Your examples at home till seven—
Pounds and ounces and drachms,
Drachms and ounces and pounds,
Till you get as mad
You are always glad
When the bell for recess sounds.

It is, oh! for a happy land
Where never a teacher lives;
Where tops, marbles and kites grow wild,
And a fellow can hallos and shout,
And there's never a book;
But a cozy nook
For to fish and to swim about.

And it's oh! for the happy time
When I get to be a man,
And I can whistle and jump,
And beat on an old tin pan;
When I can put crooked pins
Down on the next boy's seat;
And I can put ink on his face
With never a fear to be beat;
Jump and whistle and prance,
And hallos and yell and shout,
And never a one
To spoil the fun,
Nor to keep me from going out.

CANADA TO THE FRONT.

HANLAN VICTORIOUS.

The single scull race between the Canadian Hanlan and the Englishman Hawdon for $1,000 a side, came off on the Tyne on Monday, 5th May. At 1:36 o'clock they took their positions, Hawdon was stripped to the buff. Hanlan wore a sleeveless blue shirt, with scarlet trimmings.

THE START

was effected a 1:47½ o'clock. Hawdon got the first good grip of the water, and had covered nearly half a length before Hanlan was in motion. The latter, however, recovered a level position with two sweeps of the sculls. Hawdon was striking a light rapid stroke of 42 to the minute, but was going rather unsteadily. Hanlan, while exerting enormous power, was rowing quite 40 strokes to the minute. He had taken only some half a dozen strokes when the contrast between the men became strongly apparent. Hanlan drew away rapidly and before hundred and fifty yards had been covered was a length to the good. The next moment he had drawn clear, and when off Wyly's quay had left a length of daylight between the boats. Still he did not decrease his stroke, and at the east end of Skinnerburn he had another length to the good. He now received a signal from Bright to take matters easily, and responded by dropping his stroke down to 32 to the minute. Hawdon by this time had settled down into his well-known staying stroke of 36 to the minute, and his boat was travelling much better than at first. The time to Skinnerburn was 1 minute 18 seconds. At the western end of the steamboat landing, the Canadian was leading by two and one half lengths and striking 36 to the minute. From this point he seemed to take little more notice of his guide in the cutter, repeatedly looking round to see where he was going, and seemingly fearful that he should encounter some floating rubbish. Hawdon, on the contrary, never took his eyes off Jas. Percy, and receiving the signal, he quickened his stroke to 38, but gained no advantage, as his steering became very bad. At one moment he buored in towards the northern shore, the next he pulled hard with his left and veered out again as though afraid of

BRINGING ABOUT A FOUL

At the foot of Grindstone quay, Hawdon made a fine effort, sweeping his sculls through the water in beautiful style, and increasing his pace materially. Hanlan noticed the manœuvre, but did not respond in the slightest degree, allowing the Tyne man to come within half a length. Hawdon continued his exertions, but, do what he would, he could not get alongside. For a few yards below Redheugh bridge, Hanlan, with slight exertion, again shot away. This circumstance was noted on board the official steamer, and ten to one on the Canadian was offered.

ONE HUNDRED POUNDS TO TEN

was accepted several times, Hawdon's admirers thinking his wonderful staying powers might enable him to pull through at the finish. Nearer the bridge, Hawdon further quickened his stroke to 40, but the Canadian would not suffer too great liberties, and, bending down to work once more, he went through the bridge with a lead of fully two lengths, having made the distance from the start in 3 mins. 40 secs. Rounding the bend just above this point, both men experienced the full strength of the wind.—The water was very choppy right across the channel. Indeed, there was very little choice of position. By the lead works, Hanlan was looking round, picking his way cautiously. Every now and then he stopped rowing completely, and seemed to be looking at the spectators, his head turning from side to side, and there were frequent bursts of laughter from the spectators. Hawdon was going along in capital style, and when ever Hanlan paused, he pulled up considerably. Hanlan, however, repeatedly went ahead with the greatest ease, though just off Cooper's stairs he had barely a length advantage. At this point Hanlan's time was 5 mins 40 secs

HAWDON FUZZLED.

Hawdon now dropped his stroke to 36 to the minute, the rough water seemed to puzzle him greatly. Still he feathered high and avoided the waves, as Hanlan had done from the outset. The cheering at this point was immense, as the spectators on shore were unaware what had occurred further down, and seeing the men so close together imagined the race was a pretty close one. Hanlan took a beautifully judged course from the end of the quay corner to the Dunn street gangway, making a straight run, and getting all the shelter available, whilst Hawdon was ploughing on through very rough water. Hanlan passed Dunn street in 7 min. 57 secs., two lengths ahead. Not the slightest change occurred up to Weterson Gates, a mile from the start, 9 min 4 secs.—Hanlan went on in a most indolent style, stopping every now and then, and at length allowed Hawdon to decrease his lead to three quarters of a length. He smiled pleasantly at the excited demonstrations on shore, and shortened his stroke apparently for mere amusement, then let himself out again and rushed three lengths ahead, to stop again for about the twentieth time, making one and a half collers in 13 mins and 5 secs. Hanlan led by a length at Elswick gangway, which he reached in 15 mins. 3 secs., and had again increased his lead two lengths at the two miles, which were made in 17 mins., 50 secs. At the two miles the water was in a dead state.—Hawdon was in the best position, and had he had much energy left, he ought to have drawn away through the heavy waves. However, the Canadian went ahead with the utmost coolness. The head of King's Meadows was reached in 20 min., 15 secs. One hundred yards further on, Hanlan pulling a length or so more to the fore, drew in his sculls, and, stooping down, proceeded to

SPONGE OUT HIS BOAT.

Further description of the race, if race it can be called, is hardly necessary.—Hanlan, striking 28, passed Paradise quay in 23 minutes from the start, Hawdon putting in 32 strokes to the minute. All along Scotswood Haughs the Canadian did little else except look at the spectators, though once, as just to show what he had left in him he put on a spurt and went eight length ahead.—After this he merely paddled, passed under Scotswood Suspension Bridge rather more than five lengths to the good. His time was 32 minutes 6 secs. Hanlan at once rowed up to Hawdon heartily shook hands with him, amidst great cheering from the spectators.—Later on the men returned to town by the umpire's boat. Hanlan scaled 153 and Hawdon 152 pounds.

THE STRATFORD DISASTER.

FULL PARTICULARS OF THE TERRIBLE EXPLOSION.

In last issue we gave a short account of the terrible explosion at Stratford.—We now supplement that with fuller particulars. Soon after the disaster about 200 men were at work clearing away the fragments of the wreck, and endeavoring to rescue the freight which the explosion had not ruined. The scene suggested Miltonian ideas of the last wind up of railroads when our sheds shall return to pig iron, and coaches shall be beaten into kindling wood.—Long lines of what had been freight cars stood or lay on the sidings, with here and there sufficient sound ones to render it possible to imagine that the ragged piles of match wood were once in running order. Small fragments of iron, with a convex border, suggesting car wheels, lay mixed with broken trucks and steel rails, bent into the shape of mammoth fishing hooks.—Freight was scattered in every direction, and the miscellany looked almost funny in their desolate ruin. Garden seeds, paper collars, pig iron, fire bricks, corsets, lard oil and household goods reposed in the same pile. Scythes and scythe smiths in abundance, broken, bent and twisted, suggested that old Father Time had been there trying to take in a harvest with his fabled implement, and had used up his supply and quit in disgust. The freight shed, a large brick structure, which stood 191 feet from where the explosion took place, together with the clerk's office, which consisted of a wooden addition 18 x 21 feet, were badly demolished.—Nothing remained of the office but a piece of broken boards, and the west end building proper was completely destroyed. Huge beams broken off and blown away, the brick work had fallen during the concussion, and what was left of the eastern end of the roof had been cut and splintered by the innumerable fragments that flew through the air. The car checker's office, 130 feet from the explosion, was blown into atoms, and Mr. Flynn, who was in at the time, thrown several yards and severely injured. After the main track passes the depot, eastward, it comprises with eleven side tracks leading to the freight shed and the round house, while others are used for shunting the cars. On the third siding from the main track it was not hard to find the spot where the explosion took place. A hole, nine feet deep, twenty feet long, and nearly as broad, marked the place where the car stood. The explosion left the ground surrounding the excavation almost clear, the force being so great the neighboring cars were hurled away. A remarkable example of the freaks of dynamite was shown in the fact that car No. 1,965, which stood next to the one containing the explodent, was left untouched and unmarked. The sidings taken together at this point are placed on a space not over 200 yards wide, and as they were all full it is easy to conceive the damage done to them. An argument pointing plainly to the nature of the explodent is furnished by its downward effect. Gunpowder, when it explodes, generally vents its force upwards, while dynamite and nitroglycerine strike downward.—The force in this instance, making such a large excavation and tearing the trucks from under the cars and ripping up the tracks, is said by practical men to indicate that it was caused by either dynamite or nitro glycerine.

HOW IT HAPPENED.

Wm. Simcox, yard foreman, is perhaps the only living witness of the explosion, who was near enough to see it in all its terrible details. He was walking eastward along the track near the dynamite car, and saw Thomas Dolan and George Hawkins coming towards him. Hearing a loud explosion, seeing a big smoke, and thinking that some powder had exploded in a neighboring car, he instinctively dodged under a car. Looking out he saw Dolan rise several feet into the air and drop again on the ground with a dull thud. Over where the car had stood a cloud of black smoke, with white flames leaping through it, seemed to hang suspended for a moment, and the explosion was over. His coat was blown off and torn to pieces, and his face blackened, but he sustained no injuries. Rushing out, he picked Dolan up, and found his head smashed almost into jelly. Hawkins lay near by, with a splinter nearly four inches long driven into his eye, and pointed upward. Pigeon, or 'Frenchy,' as he was generally known, was standing almost opposite the car, and when his remains were found, his head, one arm and leg were missing. His body was perfectly nude and blackened, presenting even a more sickening spectacle than that of Dolan. The foot was found near a stump over 200 yards distant; the jaw bone and leg were picked up back of the freight shed, at least 250 yards in another direction.

THE CROWD.

Within fifteen minutes after the explosion, over three thousand people had congregated from all directions. The men employed in the G. T. R. shops were formed into a police force and guarded the ruins. The Town Fire Brigade, G. T. R. Fire Company and the Salvage Corps turned out, and with very little difficulty put out the fire, which started in one of the dismantled cars. The excitement was most intense, people were rushing hither and thither in search of friends or relatives that they feared were injured if not killed. At first many felt afraid to venture near the cars for fear a further explosion would take place, and as soon as the guard was formed no one but the press representatives were allowed to approach.

THE DEAD AND WOUNDED.

Pigeon is a French Canadian, and has only been up from the Lower Province for a short time. Dolan is a widower, and leaves a family of eight children. Hawkins leaves a wife and one child. James Humphrey was struck on the head by a flying fragment, and had his arms smashed, and it is feared his injuries will prove fatal. Alfred Lamb, yardman, struck in the face by a piece of iron; Andrew Porter, freight clerk, injured by falling bricks; and James Drysdale, freight clerk, was seriously injured, but not fatally. Several children and a large number of men were severely injured, but, owing to the excitement the particulars could not be learned. However, none are reported to be in a dangerous state. About 500 yards north of the track and beyond the junction of the Huron & Port Dover switch with the G. T. R., a house was badly riddled and an infant lying in a cradle was hurled out of a door and badly hurt. Mrs. Wells received a painful wound in the neck caused by a large piece of glass striking her there.

THE CAUSE OF THE DISASTER

was thirty cases of some explosive material which was shipped from Belle Oeil, Que., consigned to C. H. Dunbar, Amherstburg, under the name of blasting powder and billed as 3,750 lbs. It was in a car that was partly loaded with local freight which had just been removed in the freight shed and the car closed. One of the men who helped unload the local stuff, noticed the packages, and suspecting that all was not right, started up to the offices to report his suspicions. Before he arrived there the explosion took place. It is supposed that the shock caused by coupling the cars must have thrown down a case of the dynamite, or that the simple shock of the cars meeting was sufficient to cause the explosion.

THE IMMEDIATE VICINITY

was in a most dilapidated condition, every house was riddled, the windows broken, the shingles loosened, or the doors blown, or all combined. O'Reilly's Hotel, in the rear of the freight shed, was entirely gutted, not a particle of plastering being visible anywhere, except on the floors, and it was but a sample of many others. All the windows in the depot were broken, and it can be safely said hardly a house within a quarter of a mile was left without serious injury.

AROUND TOWN.

Knox church steeple was seen to sway and tremble, and now leans considerably to the eastward. A little chapel on Ontario street was riddled. On Bay street Mr. Kelley's house was almost spoiled, and one of the children hurt.

QUEEN STREET.

Wm. Fowler, $25;—Ramshard, loss $25; David Stevens, loss $75, and little girl's ear badly cut; Alfred Gray, loss $50; Chas. Brazier, loss $75; George Frank, loss $50; James Blair, loss $50, wife cut with glass; George Nursey and Enoch Aldridge, double house, loss $150—in this house a large piece of glass was driven through an inch board in the cupboard; John Carey, storekeeper, wife and himself badly cut with glass, loss on house and furniture over $500; Richard Herron, loss $200; George Carpenter, loss $150, family badly shaken up; Patrick Murphy, loss about $200; John Jones, loss $75; James Wilson, jr., loss on house and furniture about $100; Wm. Connolly wife badly cut, a piece of glass being driven into her neck an inch in depth, and a large piece of car wheel casting 10 or 15 lbs. weight blown into the house, which is several hundred yards from the scene of the catastrophe, loss over $200; James Brophy, loss about $200, wife cut and children hurt.

GUELPH STREET.

Mrs. Sullivan, loss $200; Mrs. Bart, loss about $50; Moses Lafrenier had two houses damaged, loss $125; Mrs. Nichol's house is slightly damaged; H. McPhee also sustained slight damage.

BRANT STREET.

Dan McGowan, two houses damaged, loss about $50; S. S. Fuller, William Bell, W. S. Bolger, Thomas Finane, Thomas Dolan and Miles O'Grady sustained very slight damage.

SOUTH STREET.

R. McLagan, C. Mannering, T. Worrell, T. Bell, T. Mullens, J. Varner and T. Dolan, not much damage done.

ON THE BUSINESS STREETS

plate glass windows were shattered and plastering torn down. The Town Hall had its windows broken and not a street escaped. Everybody was busy, sweeping out plastering or putting in glass. In the afternoon the glass in stock gave out, and the unfortunates who had not purchased will have to board up the windows.

THE DAMAGE TO THE COMPANY

will amount to at least a quarter of a million of dollars, while many estimate their loss twice and three times that amount. One hundred and eighty cars were badly damaged, 23 so entirely wrecked that the pieces can hardly be found. The loss on the building will be from $5,000 to $10,000. That on the freight cannot yet be reckoned, but it is expected to be large.

AT A DISTANCE

of seventeen miles due north the people of Milverton distinctly heard the explosion. The force of the explosion can be imagined after learning that bars and fragments of iron, weighing thirty and forty pounds, were carried in several instances for a quarter of a mile, and then buried deep in the earth. A portion of a car axle, weighing over 150 lbs., was blown into a garden 200 yards distant and buried two feet in the soil. A bar of iron 12 feet long and 1½ inches in diameter fell in front of Dr. Robinson's horse as he stood on Queen street, a quarter of a mile from the freight yard. The loss to the general public cannot yet be computed, but all feel grateful for the almost miraculous way in which the citizens escaped. Perhaps no accident of such a serious nature ever occurred in Canada before with such a small loss of life. Public sentiment is strongly against the rascally action of the shippers of the explosive material under a false name, and rumors of a Government investigation are already afloat and appear well founded. It appears that the G. T. R. Co. refuse to carry dynamite or nitro glycerine on any conditions, and the false bill of lading was made to evade that regulation. From the present feeling in the community it may safely be said that the guilty parties will be ferreted out and punished for the wholesale destruction of property and the triple murder.

The London *Economist* is admitted to be the ablest journal in England on trade matters, and this is a portion of what it says in reference to the new tariff:—"The interests of the mass of the consumers have been recklessly sacrificed in favor of a few producers."

WHY FLOWERS TURN TO THE SUN.—Wiesner has presented to the Vienna Academy a monograph upon heliotropism and geotropism in plants. After a historical sketch, the author treats of the influence of light on heliotropism, and shows that with decreasing intensity of light the strength of heliotropic effect increases to a certain point, and beyond this point decreases. The lower limit of light intensity coincides with the lower limit of heliotropic effect for the stoppage of growth in length, while the upper limit does not coincide, or only occasionally coincides, with the upper limit of heliotropic effect for growth in length. In the case of very sensitive heliotropic plants, the upper limit of light intensity for stoppage of growth in length lies higher, and in less sensitive plants lower, than the upper limit for growth in length. He next considers the relation between the refrangibility of rays and their heliotropic effect and shows that portions of very sensitive heliotropic plants, as Vicia sativa, curve in all lights, even in the ultra-red and ultra-violet, except the yellow. Experiments on the joint action of heliotropism and geotropism are next described, and the author concludes that the phenomenon of heliotropism is due to unequally lighted sides of the plant.

PRESERVING SHEEP FROM DOGS.—On one sheep in every ten of the flock put a bell of the usual size for sheep. The instinct of the dog prompts him to do all his acts in a sly, stealthy manner; his attacks upon sheep are most frequently made at night while they are at rest, and the simultaneous jingling of all the bells strikes terror to the dogs; they turn their tails and leave the sheep fearing the noise of the bells will lead to their exposure. The ratio of bells may be made to vary according to the size of the flock. We hear of more sheep being killed in several localities. We have at various times directed our readers to the use of the bell, and again advise you to put a bell on one.

TO TAN SHEEPSKINS.—Sprinkle liberally with salt and saltpetre, and roll up while the skins are yet fresh; then wash them in soapsuds, with a little ammonia added. Next soak for twenty-four hours in salt water, in which a little alum is also dissolved, and then hang up to drain. As soon as this is done, nail with the wool side in against the side of a shed or any place that is protected from the rain; rub well with a mixture of alum and saltpetre. When the skin is quite dry scrape well with a knife and rub down with pumice stone.

POTATO WATER IN REQUISITION.—Potato water, or water in which potatoes have been boiled, is now recommended by various quarters as not only an effective, but an immediate remedy for lice on cows and other cattle, also for ticks. The affected parts are to bathed with the potato water; one application is generally sufficient. This remedy (if remedy it proves) has the merit of being exceedingly simple, easily employed and without danger of injury to the cattle.

Norway spruce used as a hedge makes a very dense and close protection for nurseries and will turn cattle. It seems especially adapted to break the force of the wind. The *Bulletin* says that "in hardiness and growth the Austrian pine stands first, the Scotch pine second and the Norway spruce third." We have never found any hardier than the Canadian balsam and the American cedar.

It certainly betokened a very cloudy matrimonial life, and yet the poor widow's remark was quaint enough to make a smile. When her friend condoled with her she heaved a deep sigh and murmured, "Well, there is one consolation, at any rate. I know where poor John is now o' nights, and that is something I could never find out before."

A Thought on Future Retribution.

Whatever Henry Ward Beecher or any else may think, or theorize, concerning the doctrine of future retribution, certain it is that nature is an uncompromising believer in its certainty and justice. Do yourself the willful injury of violating the conditions of health, her retribution is sure and often apparently far exceeding in proportion the sin. Late hours, irregular meals, overeating, excesses of all kinds, are followed by "liver complaint," dyspepsia, and sympathetic disorders of the brain. In women the same excesses, augmented by the wearing of tight or insufficient clothing, the suspension of heavy skirts from the hips, etc., invariably produce those weaknesses and diseases peculiar to the sex. Repeated attacks of cold, due to exposure, inevitably produce catarrh, and in some cases consumption. The liberal party have one argument in their favor in the fact that Dr. Pierce's Family Medicines are sure and efficient remedies for these retributive diseases. The Golden Medical Discovery and Pleasant Purgative Pellets, for the diseases of the stomach and liver, are unexcelled, while the Favorite Prescription enjoys the highest reputation of all remedies for female diseases and weaknesses.

From hundreds of reported cases where patients have increased in weight from five to forty pounds while using Fellows' Comp and Syrup of Hypophosphites, no doubt remains of its powerful action on the organs of nutrition.

Catterson & McFarland write us follows:— WARKONETA, O., June, 1-77. Gents: Having been in the livery business for the past ten years, and having many cases of Colic in horses under our treatment, and having tried many remedies and liniments to cure it we found that the best, cheapest, and quickest remedy for Colic in Horses is Perry Davis' Pain Killer, and we honestly affirm that we never failed to cure the worst cases of colic we ever saw and we cheerfully recommend it to every body, as the best medicine to cure Colic in Horses.

Isaac R. Doran, M. D., of Logan Co., Ohio, says: "ALLENS LUNG BALSAM not only sells rapidly, but gives perfect satisfaction in every case within my knowledge. Having confidence in it, and knowing that it possesses valuable medical properties I freely use it in my daily practice and with unbounded success. As an expectorant it is most certainly far ahead of any preparation I have ever yet known.

BOSCHEE'S GERMAN SYRUP can now be purchased right at home,