

**BOILER EXPLOSION.**

**KAD RESULT FROM A DEFECTIVE GAUGE OR CARELESSNESS OF STEAM.**

**BELLEVILLE, Sept. 24.**—A shocking thrashing machine accident occurred in Thurlow yesterday afternoon. A local paper publishes the following particulars:—

One of the most terrible and fatal accidents that ever occurred in this vicinity took place yesterday afternoon between 6 and 7 o'clock, at the farm of Mr. George Caldwell, eighth con. of Thurlow, and about one and a half miles east of Zirous Hills. Mr. Owen Reeds steam thrasher had been engaged during the day by Mr. Caldwell, and through some defect of the gauge or carelessness on the part of the engineer the head of steam carried was not fully known. The consequence was that the boiler of the thrasher exploded with terrific force, tearing everything into pieces and scattering death and destruction on all sides. Inson, thrasher, who was engaged near the cylinder at the time the explosion occurred, was struck by pieces of the shattered engine, and his skull was badly crushed. He died almost instantly. Andrew Lloyd, who was also near by, was blown fully twenty-five yards from the engine, and his abdomen was torn open so that his bowels protruded. Death was almost instantaneous in his case. Also Wm. Malcolm, son of Mr. Wm. Malcolm of this city, and who was formerly foreman of the gas house here, was instantly killed. He was employed on the machine and was a promising young man of about twenty years. Miss Viola Caldwell, daughter of Geo. Caldwell, aged eleven, who was near the machine watching the operations, was struck by a piece of the engine and her neck broken. She, too, died in a few moments. But these casualties, horrible as they are, did not complete the injuries inflicted upon life and limb. Mr. Caldwell was seriously, but not fatally wounded. Henry Garvin was dangerously injured, and may die. C. Gerkin was also painfully injured. The engine was shattered into a hundred pieces, and part of it was driven into the barn, setting fire to the straw. By great efforts the flames were extinguished before it had done much damage. The scene at the barn after the accident baffles description. The writer got his information from an eyewitness who describes the anguish of the bereaved friends as heartrending in the extreme. While some cared for the wounded, others gathered about the mutilated forms of the killed and rent the air with their cries. Strong, active men, who, a few moments ago were exchanging greetings and anticipated nothing but happiness, lay upon the ground bleeding and dead. The little girl Viola was not mutilated, and her death was so sudden that her countenance retained a natural expression in death. All around were broken and splintered parts of the engine. The shades of night closed over one of the saddest and crushing scenes ever witnessed in this part of Canada. Mr. Geo. Caldwell, who suffers such a terrible loss by this accident, is a brother of Dr. Caldwell dentist, of this city, and is a widower of about 48 years. He owns a farm of 200 acres, and is a prosperous farmer. His mother resides with him.

**LATER.**—Further particulars of the thrashing machine disaster show that Mr Caldwell was not injured, and that it was not his daughter, but her cousin Viola or "Lotie," who was killed. The two children were sitting with arms intertwined when the explosion took place. A portion of the boiler struck Lotie, killing her instantly, and Helen was severely scalded. The little one who was killed was a daughter of David Caldwell, a brother of George. The body of Andrew Lloyd was thrown 192 paces, and that of Malcolm nearly as far. Gavan, who was injured, is already able to be about, but it is feared that Helen Caldwell will die, as she inhaled a quantity of steam. Inson, the thrasher, was thirty-two years of age and had three children. He lived in Thurlow. Lloyd was about twenty-five years of age, unmarried, and lived in the village of Plainfield. Malcolm was about twenty years old, and lived in Belleville. Large pieces of the boiler were blown into fields adjoining, and were picked up at distances from 200 to 300 yards from the scene of the accident.

**BUSH FIRES.**

The following extract from an essay on Forestry by Bucke Withan, of Ottawa, is of interest and value at the present time: "The enormous waste from bush fires is quite incredible to those who have not witnessed their devastation. These originate through careless settlers and hunters, who camp in the woods, and sometimes, though rarely, by the lumbermen themselves, or by surveyors who make smudges to ward off the attacks of flies and mosquitoes. These fires started during a dry season are stopped only by large streams, lakes, swamps, or by heavy continuous rains. The fires leave a barren waste, and are only replaced by a scrub growth of birch or poplar. Stringent laws have been passed by the Ontario Government against originators of fires, but unfortunately no sufficient machinery has been created to put these laws in force, though petitions have from time to time been forwarded to the Government by the millowners and the lumbermen. It is estimated that more timber has been destroyed by bush fires than has been exported altogether from the country. It is evident that if these fires could be suppressed and the young trees which are left on the pine lands after the large timber has been cut out could be protected and allowed to grow up, a valuable forest would be formed for a continuous supply if to this were added some systematic scheme by the Government for planting on its waste lands, it is not yet too late to recuperate the pine timber forests of this country. To further the proposed undertaking it would be well to import a few practical foresters, in order that their wisdom, acquired by the old, might be utilized in the new world. The increase in the revenue derived from the Crown lands dues by the Government could be profitably expended in protecting and fostering the timber interests on the public domain. The staff of twenty or thirty rangers at present employed by the Government have done inestimable service, but it is obviously impossible for such a small staff of but partly employed men to ascertain the origin of destructive conflagrations. The writer would therefore suggest that the Government appoint permanently the required number of wood rangers or inspectors, that one or more constables be employed for every limit of 100 miles square." Whose duty should it be to apprehend and report to the ranger or other officer any case of violation of Crown timber regulations, especially with regard to fires. At present the regulations are very good, but there is no one specially to enforce them, saving the few rangers referred to. Mr. Hutchins, who compiled the timber article for the United States census, states that at the present rate of cutting the Canadian supply of timber will give out about the same time as that of the United States, that is, in about thirty or forty years. Hence the timber trade of the continent will thence be transferred to the Pacific slope. One of the largest millowners on the Ottawa informed the speaker that he thinks there will not be any pine for exportation from Canada twenty years hence. Should this Province, therefore, wish to retain her timber interests there must be no delay in dealing with the question.

The circulation of the blood has been demonstrated by the microscope, and the proof of the circulation of Esterbrook's Pens is that they are found everywhere.



We have added to our plant all the latest improved machinery for Electro and Stereotyping, and the manufacture of Printers Furniture, facilities for executing work which no other establishment in the Dominion possesses, and not excelled by any on the continent. A large assortment of cuts constantly on hand. FLEMING & SON, 26 Colborne St., Toronto.

**E. S. VINNIN,**  
Commission, Shipping, Forwarding and General Agent.  
**LUMBER MERCHANT**  
Office, Tempest's Block, Fort Hope. 111

**AUCTION SALE**

Twenty-one Hundred Acres  
OF VALUABLE  
**CEDAR & PINE LANDS**

Will be offered for sale by Public Auction, at Noon,  
**On Friday, 28th of Oct. Next**  
AT THE COURT HOUSE, IN THE  
**Town of Lindsay**

Being Nine Hundred Acres in the Township of Somerville; and Six Hundred Acres in the Township of Fenelon; and Six Hundred Acres in the Township of Bexley.  
Dated 24th September, 1881.  
DENNISTOUN BROS. & HALL,  
Solicitors, Peterborough.

**AUCTION SALE**  
OF VALUABLE

**Timber Limits**  
Situated near Lake Nipissing.

Notice is hereby given that (if not previously disposed of by private bargain) the following Valuable Timber Limits will be offered for sale at Public Auction at The Mart, 57 King St. East, in the CITY OF TORONTO, on

**Wednesday, 5th of Oct. Next**

AT THE HOUR OF NOON, VIZ.:

Berth No. 23, on the River Bueve, near Lake Nipissing, comprising.....	36
Berth No. 43, on the River Wannapitac, near Lake Nipissing, comprising.....	36
Berth No. 51, on the River Wannapitac, near Lake Nipissing, comprising.....	36
In all.....	108

These limits contain, in the aggregate, a large quantity of magnificent pine timber.  
Berth No. 23 is estimated—as the result of a recent exploration—to contain a quantity of trees sufficient to produce at least half a million cubic feet of square timber, besides two hundred and fifty thousand standard saw logs. The river is available for driving to Lake Nipissing.  
There is a good mill site on the Bueve river, about three miles from Lake Nipissing.  
Lumber could be transferred thence by water to the Callender station of the Canada Central Railway, the line of which is projected to pass directly through this limit.  
The owners reserve the right to dispose of either or all of them by private bargain in the meantime, and will be ready to consider any offers that may be made.  
Persons desiring further particulars are invited to communicate with the undersigned.  
F. W. COATE & Co. SMITH, SMITH & RAE,  
223-11 Auctioneers. Solicitors, Toronto

**THE KEY TO HEALTH.**



Unlocks all the clogged avenues of the Bowels, Kidneys and Liver, carrying off gradually without weakening the system, all the impurities and foul humors of the secretions; at the same time Correcting Acidity of the Stomach, curing Bileousness, Dyspepsia, Headaches, Dizziness, Heartburn, Constipation, Dryness of the Skin, Dropsy, Dimness of Vision, Jaundice, Salt Rheum, Erysipelas, Scrofula, Fluttering of the Heart, Nervousness and General Debility; all these and many other similar Complaints yield to the happy influence of BURDOCK BLOOD BITTERS.

Sample Bottles 10c; Regular size \$1.  
For sale by all dealers.  
**T. MILBURN & CO., Proprietors, Toronto**

**UNION FOUNDRY**

Union Street, - - - Carleton,  
Warerooms, Water Street,  
**ST. JOHN, N. B.**

**Allan Brothers**  
(Late of Harris & Allon)

MANUFACTURERS OF ALL KINDS OF  
**Steam Engines**

AND  
**MILL MACHINERY.**

Ships Windlasses, Iron Capstans  
and Ships CASTINGS of all kinds.

Ships Cambooses & Cabin Stoves  
COOKING AND HEATING

**STOVES,**

Shop, Office and Parlor Stoves, and Franklins.

**Agricultural Implements.**

**BRASS CASTINGS.**  
Tin, Sheet Iron and Copper Ware for SHIP and HOUSE use.

**Special Offer to LUMBERMEN**

To any person sending me this advertisement and \$25 within the next 60 days, I will send a **Genuine WALTHAM, or ELGIN WATCH.** In 6 ounce sterling Silver Cases, Gold Joints, with a Written Guarantee for three years.  
**F. CRUMPTON**  
83 King St. East, Toronto.

Any article in Watches, Clocks, Fans, Jewellery, Silverware, etc., sent to any part of Canada, and Satisfaction Guaranteed or Money Refunded.  
We make a specialty of Presentations.  
Watch Repairing and Jewelry manufactured by best workmen only, at reasonable prices.