

**Scientific Notes.**

**WHAT THE MEN OF GENIUS ARE SAYING AND DOING.**

We are told by professor Oliver Lodge, the celebrated physicist, that at the absolute zero of temperature,—373 deg. C., or 459 deg. F.—the molecules of a perfect gas would lie so inert that they could be swept together in piles on the floor.

In a recent London lawsuit regarding noise and vibration caused by a factory, the phonograph was brought in as a witness, at the suggestion of Prof. Silvanus P. Thompson, being caused to record the noises and reproduce them in court.

The Italian consul at Bordeaux has telephonic connection with the opera house at Bordeaux as well as with that in Paris, and he says he heard the music from Paris, 375 miles, as distinctly as that which comes to him from a distance of only a few blocks.

Air can be frozen at a temperature of 296 degrees below zero, and the product, which can be handled and felt, burns, so to speak, with its excessive cold. Frozen air can be produced in any quantity, but its cost, \$500 a gallon, is likely to prevent a large business.

Electricity is employed largely for pulling teeth. To the battery are attached three wires. Two of them have handles at the end, while the third is attached to the forceps. The patient grasps the handles, the electricity is turned on suddenly, and the dentist simultaneously applies his forceps to the tooth. The instant the tooth is touched, it, as well as the surrounding parts, becomes insensible to pain. A jerk, and it is out.

Electricity has won many triumphs over its once formidable rival, steam, during the past decade, and that, too, in departments in which the position of the latter was deemed unassailable. As a source of intense light, and as a motor force for vehicles, as well as for machinery of all kinds, it is in extensive use and in steadily growing demand; and now attempts are made to utilize electricity for heating purposes.

An interesting and important experiment was lately conducted by Dr. Palermo at Naples. In the course of scientific studies Dr. Palermo has given special attention to the relative action of sunshine and darkness on microbes. He claims that his researches have proven that in addition to checking the multiplication of micro-organisms, sunlight is especially baneful to those which are noxious to human or animal life. In the experiment mentioned Dr. Palermo exposed the bacilli of Asiatic cholera to the sunlight for four hours, and finding them still alive, he administered them to a guinea pig. Taking at the same time other germs of a similar nature which had been kept in a dark room for an equal time, he administered them to another guinea pig. In about 8 hours the latter animal died of Asiatic cholera, while the former charged with the sun-dried bacilli remained perfectly well. Subsequently the doctor inoculated the animal with the most virulent cholera microbes, but they had no effect upon it; exposure to the sun's rays had, besides destroying the disease-producing powers of the microbes, made them active and effective agents in resisting their still virulent brethren.

**A Fish With a Lantern.**

No matter what animals, or group of animals, are studied, it will always be found that their leading physical traits are exactly adapted to their habits and conditions. A striking illustration of this fact is afforded by the torch fish. This is a deep sea fish, that carries on its nose something like a short, thin, bone, which it can illuminate with a phosphorescent light, or extinguish at pleasure. It does not use this lantern to guide it on its way in the depth of the ocean, or to enable it to see what is going on in the neighborhood; the light is put to a more practical use. When the fish feels hungry, it lights up to attract smaller fish. They dart for the light and find themselves in the capacious mouth of the fish. How the lantern is lighted and extinguished is not yet clearly understood.

**Crow Catching in India.**

In order to catch crows after the gypsy fashion in India, it is necessary to have a captive crow always on hand. This crow must be laid upon its back and its wings pegged to the earth with forked sticks. Immediately a free crow will attack it, and the captive crow, seizing the free one with its claws, will hold it tight. Crow No. 2 must then be taken and pegged down also. Other crows will come and two more will soon be caught. They must also be laid out with pegs, and then the four captives will take four other crows. This plan is followed until the hunter has taken all the crows he desires.

The smallest bird in the world is an East Indian humming-bird. It is a little larger than the common house fly.

**GREAT MIDSUMMER SALE**

**NOW GOING ON AT**

**CARTER'S Dry Goods and Clothing Store IN LINDSAY.**

**EVERYTHING TO BE SOLD AT A GREAT SACRIFICE, AS OUR STOCK IS FAR TOO LARGE.**

It makes no difference if your wants are only small; we can save you money, and will do so if you come to the cheapest store in Victoria county.

**CARTER, The World Beater, KENT-ST., LINDSAY.**

**MILLINERY MILLINERY WALL PAPER WALL PAPER WINDOW PAPER FANCY GOODS MATERIALS FOR FANCY WORK TOYS IN GREAT VARIETY STAMPING DONE**  
*Eggs Taken in Exchange.*  
**MRS. HEELEY.**

**MONEY TO LOAN.**

I have recently had a considerable, though limited, sum of money placed with me for loaning on farms at

**Five and a-half per cent.**

Parties wishing to borrow on these terms should not delay to make application. Large amounts of funds, at slightly higher rates, according to security. In most cases solicitor work is done at my office, insuring speed and moderate expenses.

**Allan S. Macdonell, Barrister &c., Lindsay.**

**LINDSAY Marble Works.**

**R. CHAMBERS**

is prepared to furnish the people of Lindsay and surrounding country with

**MONUMENTS AND HEADSTONES, both Marble and Granite.**

Estimates promptly given on all kinds of cemetery work.

Marble Table Tops, Wash Tops, Mantel Pieces, etc., a specialty.

**WORKS**—In rear of the market on Cambridge street, opposite Matthews' packing house.

Being a practical workman all should see his designs and compare prices before purchasing elsewhere.

**ROBT. CHAMBERS.**

North of the Town Hall.



**CAN I OBTAIN A PATENT?** For a prompt answer and an honest opinion, write to MUNN & CO., who have had nearly fifty years' experience in the patent business. Communications strictly confidential. A Handbook of information concerning Patents and how to obtain them sent free. Also a catalogue of mechanical and scientific books sent free.

Patents taken through Munn & Co. receive special notice in the Scientific American, and are brought widely before the public without cost to the inventor. This splendid paper, issued weekly, elegantly illustrated, has by far the largest circulation of any scientific work in the world. \$3 a year. Sample copies sent free. Building Edition, monthly, \$2.50 a year. Single copies, 25 cents. Every number contains beautiful plates, in colors, and photographs of new houses, with plans, enabling builders to show the latest designs and secure contracts. Address: **MUNN & CO., NEW YORK, 361 BROADWAY.**

**David Chambers, General Blacksmith, Francis-st., Fenelon Falls**

Blacksmithing in all its different branches done on short notice and at the lowest living prices. Particular attention paid to horse-shoeing. Give me a call and I will guarantee satisfaction. 45-ly.

**HARNESS**

...SADDLES...  
...TRUNKS...  
...VALISES...

—AT—  
**JOHN BERRY'S**

...KENT-ST...  
...LINDSAY...

EVERYTHING BELONGING TO THE SADDLERY AND HARNESS TRADE CONSTANTLY KEPT IN STOCK.

**REPAIRING**  
DONE ON SHORTEST NOTICE.

**WHY GO TO LINDSAY WHEN YOU CAN DO BETTER BY DEALING AT HOME ?**

I AM OFFERING A FIRST-CLASS

**TOP BUGGY**

GUARANTEED BEST GRADE THROUGHOUT, WITH THE LATEST IMPROVEMENTS, FOR THE LOW PRICE OF

**\$75.00.** ITS DURABILITY TURNS INFERIOR MAKES "ABOUT FACE" TO THE REAR. INSPECTION INVITED.

NEXT DOOR TO KNOX'S BLACK-SMITH SHOP, FENELON FALLS.

**S. S. GAINER.**

**KERR & Co. NEW CASH STORE,**  
OPPOSITE BENSON HOUSE, LINDSAY.

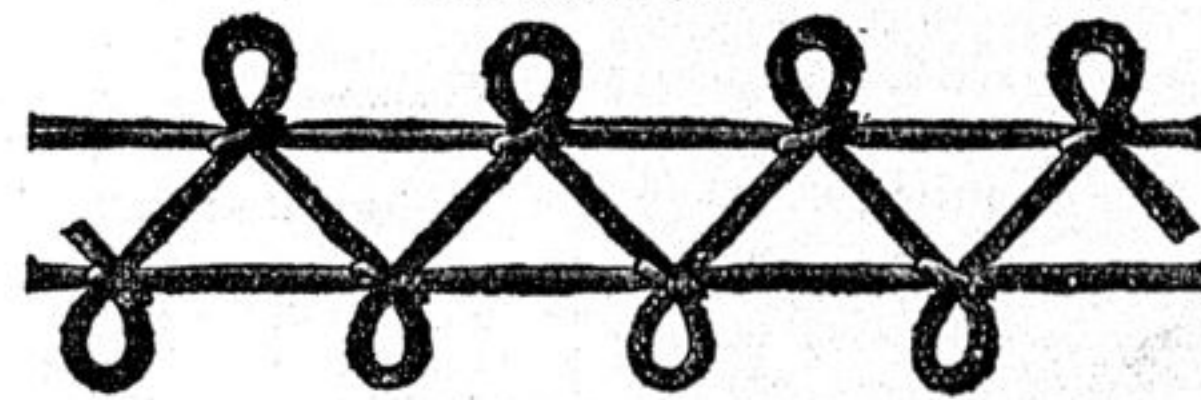
New Fall and Winter Jackets,  
New Dress Goods,  
New Underwear for Ladies and Children,  
New Trimming Braids,  
New Corsets and Gloves,  
New Frillings and Ties,  
New Handkerchiefs,  
New Flannels and Flannelettes,  
New Towellings,  
Cottons and Shirtings,  
Gentlemen's Furnishings Complete.

We cordially invite you to call and examine our new Fall Stock. One price to everybody.

33 KENT-ST., LINDSAY. Opposite the Benson House. **KERR & CO.**

**SEASONABLE SPRING GOODS.**

Pat. Nov. 19, 1889.



Above Cut is One-half Actual Size.

**THE HATHAWAY PATENT FENCE WIRE.**  
Most Attractive in Design, and will stand a Test Breakage of 2,500 lbs.

**SHOVELS, PICKS, FORKS, FULL STOCK BUILDING HARDWARE, PAINTS, OILS, AND WHITE LEAD, A FULL ASSORTMENT OF TINWARE,**  
ALL OF WHICH WILL BE SOLD AT ROCK BOTTOM PRICES FOR CASH.

**BABY CARRIAGES \$5.00 AND UP.**

To the Patrons: Land Plaster \$6.00 and \$7.00 Per Ton IN CAR LOTS.

**JOS. HEARD.**

**BACK AGAIN.**

**HENRY PEARCE**

respectfully informs his numerous old customers and the public generally that he has returned to Fenelon Falls and resumed

**The Boot and Shoe Business** in the store lately occupied by Mr. S. Nevison on the east side of Colborne street, and hopes by turning out

**GOOD WORK AT LOW PRICES** to obtain a fair share of patronage.

Drop in, leave your measure and be convinced that he can do as well for you as any boot or shoemaker in the county. All kinds of

**REPAIRS EXECUTED** with neatness and despatch.

**J. Neelands, Dentist.**

Beautiful sets of Artificial Teeth inserted for \$10, \$12 and \$14, according to quality of teeth and kind of plate. Imitation gold filling inserted in artificial teeth free of charge. Gas (vitalized air) and local anaesthetics used with great success for painless extraction. Visits the McArthur House, Fenelon Falls, the third Tuesday of every month. Call in the forenoon, if possible. Office in Lindsay nearly opposite the Simpson House.

**NOTICE.**

To the residents of Fenelon Falls.

Take notice that any person or persons removing from any village or district infected with diphtheria to Fenelon Falls will be quarantined for a period of 14 days or longer, at the discretion of the Board of Health. The citizens of Fenelon Falls who do not wish to be so inconvenienced will govern themselves accordingly.

By order of the Board of Health.  
A. WILSON, M. D.,  
Medical Health Officer  
Fenelon Falls, Feb'y 22nd, 1893. 1-t. f.

**The "Fenelon Falls Gazette"** is printed every Friday at the office, on the corner of May and Francis streets.

**SUBSCRIPTION \$1 A YEAR IN ADVANCE,** or one cent per week will be added as long as it remains unpaid.

**Advertising Rates.** Professional or business cards, 50 cents per line per annum. Casual advertisements, 8 cents per line for the first insertion, and 2 cents per line for every subsequent insertion. Contracts by the year, half year or less, upon reasonable terms.

**JOB PRINTING** of all ordinary kinds executed neatly, correctly and at moderate prices.

E. D. HAND, Proprietor.