

Electric Railways.

"It will be a revolution in railway travel," says the London (Eng.) Telegraph, "was the natural sequel of more than one of the brilliant audience which filled the Royal Institution last night, to listen to Prof. Ayrton's discussion on electric railways. Since the electrical transmission of power began to exercise the minds of scientific men it has been foreseen that electricity must become the motive power on railways. Last year an electric railway on a small scale ran in the grounds of the Crystal Palace, and before that the Litterfeld Railway in Berlin was in regular service, carrying passengers by day at from nine to twelve miles an hour. In these lines the real motive agency was a gas or steam engine out of sight, the energy of which was converted into electricity, and carried along the rails which constituted a 'going' and 'coming' wire. Moreover, these were short lines, and the load was comparatively light. When, however, it is proposed to conduct the ordinary traffic of a railway with heavy loads and long distances a difficulty arises through the leakage of electricity by conduction to the earth and otherwise. It was the methods by which Prof. Ayrton and Perry proposed to surmount this obstacle which formed the charm of last night's address. It is well known that almost any amount of power may be converted into electrical energy and carried to any distance with comparatively small loss. Thus, a central steam engine, of say, one thousand horse-power may be employed to propel several trains without the intervention of locomotives, the power being transmitted along the rails or by wires, always provided that leakage is avoided. To accomplish this object Mr. Ayrton and his colleagues propose to divide the line into sections, each of which is put into connection with the leading wire only as the train passes over it. Thus there would be no loss except in that section, the rest of the wire being well insulated, and an absolute block system would thus be created, for no two trains could be in the same section. Seidman has the scheme of more extensive clearing than when Professor Ayrton showed his model and express trains running around a model railway and stopping automatically when they came to a section on which another train was travelling. It will illustrate the idea of the lecturer to imagine, for instance, the Metropolitan Railway working by electricity. In the first place, engines, which constitute one half of the dead weight of the trains, would be dispensed with. The line would be divided into quarter mile sections. A train on any section would be connected with a central steam engine—the gear being such that if any other engine came on the same section the power would not propel, but stop it, becoming a self acting, continuous and automatic brake. Moreover, as the trains moved on, each one would, by means of a galvanometer, show at a station or signal box, exactly where it was, so that its motion would be followed and its time recorded any distance. There would be no smoke in the tunnels, because no fuel would be burnt there, and no reason exists why the speed should not be as great and the loads as heavy as at present. The public are apt to forget that electricity may be made to reproduce any amount of power. It begins with a current just strong enough to deflect a needle, but it is within the compass of modern engineering to produce a current powerful enough to drive a train weighing a hundred tons at the rate of 60 miles an hour. The obstacle which has stood in the way has been the difficulty of conducting the rapidly moving currents with the electric current, and the warm circuits which greeted Prof. Ayrton's lecture and experiments show what progress has been made in overcoming the difficulty. The Professor calculates that electricity, by economizing power and the consumption of coal, will diminish expenses and increase safety.

Terrible Story of Sufferings and Death in Labrador.

Quebec, April 18.—The following are the particulars of the dreadful story received from the barren and inhospitable shores of Labrador. A letter received from Point Desmonais, several hundred miles below Quebec, dated 22nd March, and signed L. F. Faffard, states that on account of violent storms which prevailed from the 25th of September to the end of autumn, fishermen were unable to lay in any supplies for winter, the entire means of subsistence of the poor people being thus cut off. To add to the horror of the situation, the establishment of Messrs. Ouellette & Cousin at Pointe des Monnoies containing a quantity of supplies, was burned with its contents in December. The winter hunting expeditions failed completely. Several people left at Pentecost by those who took to the woods, have been found dead. Lawrence and Pierre Cousin, and one each of their children, their families were found dead of inanition. The sufferings of the survivors were increased by the descent of the Indians from the north, whose means of subsistence had entirely given out. The poor settlers had nothing to give them but some flesh and oil of seal, which they ravenously devoured. If navigation did not open early, scores of people will die of starvation before all can possibly reach them. There is already fear that human remains may be committed to the terrible struggle for life. The same story comes from L. S. and Ouk, where the people have nothing but caribou insects and a few fish to live upon.

Shipping Advertisements.

The time never has been and never will be when the people of this or any other country can buy a gold dollar for seventy-five cents. Neither can you, dear reader, purchase an organ worth three or four hundred dollars for \$20. This is all nonsense. Still we have no objection to other people doing their business just as they see fit. We are selling a good honest music Piano at from \$185 to \$275, and a honest music Organ (not all stops) for from \$48 to \$75. All our goods are made up on test trial, and if it please no keeper, as the Chinese would say. For the past ten years we have sold both Pianos and Organs every part of the world, and our instruments give the most universal satisfaction. If you wish a good instrument, one that will always last you, we shall be pleased to send you our catalogue and prices, and if you purchase one of the Thomas Brothers' Silver Tone Instruments you will get what you always sell as music. Address, for prices, etc., JAS. H. HUNTER, Successor to Thomas Brothers, 4212

MISCELLANEOUS

Some 9,000 emigrants are expected to arrive at Victoria, B. C., from China before Aug. At Cincinnati smallpox is increasing alarmingly. Thirty to forty new cases are reported daily. The persecution of the Jews continues. In Southern Russia whole villages have been laid waste, and 17,000 Jews are homeless. Another terribly violent cyclone occurred near Pennington, Pa., on Thursday night. Numerous lives were lost and a great amount of property destroyed. A cyclone at Brownsville, Mo., on Tuesday destroyed a large amount of property, caused the death of seven persons, and seriously injured many others. The cyclone was of almost unparalleled violence. Bright's Disease, Diabetes, Kidney, Liver or Urinary Diseases. Have no fear of any of these diseases if you use Bright's as they will prevent and cure the worst cases, even when you have been made worse by some great puffing up-pretended cures. De Looze's, at a lamp-stand Mellin's last Wednesday night, intimated that the Panama Canal would be opened in the year 1888. Were there Wars. "The throat has destroyed more lives than the sword," by impotence in eating and impotence in sleeping, but when the health becomes impaired the mind the digestive may find prompt relief in Burdock Blood Bitters. It regulates the bowels, acts upon the liver and kidneys, purifies the blood, and stimulates all the secretions to a healthy action. There is a rumour in England that the Princess Beatrice is to be married to the Earl of Yfe, who is a handsome, clever and munificently agreeable young man. What physician has ever discovered a cure for leucorrhoea? He's answers none. But Burdock Blood Bitters, by their purifying, invigorating, nerve-performing, and curative powers, cures every case. The health giving properties of this remedy are unequalled by any similar preparation in the world.—b 114.

PERCHERON HORSES

LARGEST Importing and Breeding ESTABLISHMENT IN THE WORLD. H. W. DUNHAM, Wayne, DuPage County, Illinois, U.S.A. During the past 12 months 500 STEEL, LEAD, and ZINC pipes, of all sizes, have been imported from the works of Messrs. H. W. Dunham & Co., of Wayne, DuPage County, Illinois, U.S.A. These pipes are of the best quality, and are made to order, and are delivered in any quantity, and at any time. The pipes are of all sizes, and are made to order, and are delivered in any quantity, and at any time. The pipes are of all sizes, and are made to order, and are delivered in any quantity, and at any time.

LEESON'S DIPHTHERIA MEDICINE

This is the only cure for this terrible disease. It cures a case in a few hours, so that the patient can be discharged from the hospital, and the disease can be kept out of the house. It is a simple, safe, and reliable medicine, and is sold in all the principal cities of the world. It is a simple, safe, and reliable medicine, and is sold in all the principal cities of the world. It is a simple, safe, and reliable medicine, and is sold in all the principal cities of the world.

TESTIMONIALS

To Mr. Leeson: Dear Sir—My wife and children have all been cured by your Diphtheria Medicine. I can testify that it is a good medicine. M. W. SCOTT, Arthur, Nov. 22, 1881. To Mr. Leeson: Dear Sir—I have a very good Diphtheria Medicine in my house, and I can testify that it is a good medicine. I have a very good Diphtheria Medicine in my house, and I can testify that it is a good medicine.

FOR SALE AT PARKER'S, DURHAM.

GREAT Discount SALE

NOW GOING ON AT J. H. HUNTER'S. Having Just received a Large Stock of NEW GOODS, Consisting in part of Staple and Fancy Dress Goods, Tweeds, Coatings, Hats, Caps, Boots & Shoes, etc., I am determined to reduce my stock to about half its present value, and in order to do so as quickly as possible, I have decided to allow the following liberal discount FOR CASH.

- 10 per cent. off all purchases of Dry Goods, from \$1 to \$5.
12 1/2 per cent. off all purchases of Dry Goods, Clothing, Boots & Shoes, Hats and Caps, from \$5 to \$10.
15 per cent. off all purchases of Dry Goods, Clothing, Boots & Shoes, Hats and Caps from \$10 to \$20.
This Sale will last only 30 days, and the above discount will be allowed only to Cash Purchasers.

J. H. HUNTER March, 23, 1882.

Opring Importations!

A. DAVIDSON DIRECT IMPORTER OF MILLINERY, MANTLES, Mantle Cloths, WORSTED Coatings, Prints, Dress Goods, Mantle & Dress Trimmings, Fringes, Buttons, Silks, Satins, Laces, HOSIERY, GLOVES, and all the very latest novelties of the Season. Also a Choice Selection of Canadian, Scotch & English Tweed. A Fall Line of GENTS' FURNISHINGS. THE STOCK OF CANADIAN COTTON GOODS, GREY AND WHITE COTTONS, DENIMS, COTTONADES, DUCKS, TICKINGS, SHIRTINGS, TABLE LINEN, TOWELLING, ETC., IS NOW COMPLETE.

Every Lover of a good cup of TEA Should try A. DAVIDSON, WHO KEEPS THE BEST SELECTION OF GROCERIES IN TOWN.

Machine Oils, Machine Oils.

I keep the best Oils in Town & sell them cheap for Cash. Big reductions for large quantities.

PAINTER'S MATERIAL.

Paint and raw Linseed Oil, White Lead, the best brands in the market. Fire proof paint, Venetian Red, Whiting and all dry colors.

BRUSHES. BUILDING HARDWARE.

A Large Stock always on hand of Nails, Glass, Locks, Hinges, Latches, Clothes Hooks, Door Bells, &c., &c.

PICTURE FRAME MOULDING.

A Large Stock of all sizes, always on hand. Frames made to order, any size, Very Cheap.

At the Leading Hardware Store, Upper Town, Durham. T. J. ADIE.

Burdock Blood Bitters. WILL CURE OR RELIEVE BILIOUSNESS, DYSPEPSIA, INDIGESTION, FLUTTERING OF THE HEART, ACIDITY OF THE STOMACH, HEADACHE, DRYNESS OF THE SKIN, AND every species of disease arising from disordered action of the BOWELS OR BLOOD.

T. HILBURN & CO., PROPRIETORS.

AMERICAN JEWELLERY.

Colored & Bright Gold Sets, LOCKETS, RINGS, SEALS, CHAINS, &c. &c. Also Ladies' & Gents' BRACELETS, &c. &c. Also Ladies' & Gents' GOLD & SILVER WATCHES. Key and Stem Winders. Philadelphia Hall Patent Watch & Clocks. Some beautiful designs in Silver and Electro Plated Ware at W. F. DOLLS', Fishmarket, especially solicited.

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Do not go without a CAMP STOVE. Call and see them

CAMP STOVE.

At T. A. HARRIS', Durham. Durham, Feb. 23, 1882.

FARMERS!

1882 SEASON'S 1882. S E D S E D S

Large and Varied Assortment at Lower Town Drug Store G. C. McFARLANE.

Durham MILLS.

Having refitted our Flouring Mill we are prepared to turn out work 2nd to none in the County. A CALL RESPECTFULLY SOLICITED & SATISFACTION GUARANTEED.

FLOUR, OATMEAL, And FEED

Delivered in any part of Town on Shortest Notice and at LOW PRICES. Oatmeal Exchanged for Oats.

The Highest Price will be paid for GOOD WHEAT.

N. G. & J. McKECHNIE. Durham, Feb. 23, 1882.

The Big Push

Tailoring Establishment, Is the place to get your Suits Made, Coat, Vest, Pants, Overcoat or Ulsterette.

French, English, and American Fashions Received. Prompt attention given to all Orders. Charges Moderate.

A. L. ROBERTSON.

Durham, Nov. 23, 1881.

THE GREY REVUE

Every Thursday. Rates of Advertisements: Professional and business cards of space and under per year. Two inches or 24 lines Nonpareil make Three inches do. per year. Capital advertisements charged 8 cent for the first insertion, and 5 cent for subsequent insertions.

MONTHLY FAIRS.

Durham—Third Tuesday in each month. Princeton—Monday before Durham. Hawker—Monday before Durham. Mount Forest—Third Wednesday in each month. Guelph—First Wednesday in each month. Hamilton—Saturday before Durham. Toronto—Monday before Durham. London—Monday before Durham. Niagara—Monday before Durham. Kingston—Monday before Durham. Brantford—Monday before Durham. Hamilton—Monday before Durham. Brantford—Monday before Durham. Kingston—Monday before Durham. Niagara—Monday before Durham.

St. Catharines Nurseries.

Having fully tested MOORE'S Early and DELICIOUS NEW GRAPES. I unhesitatingly advise my patrons to plant them. You will not be disappointed. Moore's Early is the best very early black grape yet grown in Canada. It has stood first class before the public. Brightly colored and of fine flavor, it is well adapted for the table and for the market. It is a very productive variety, and will bear a long season. Agents Wanted. em204 D. W. BEAULIE, St. Catharines.

WORM POWDERS.

Are pleasant to take. Contain their own Purgative. Is a safe, sure, and efficient destroyer of worms in Children or adults.

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Residence—Opposite the Canada Hotel, Durham.

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Cutting done to Order. Spring and Summer Fashions received. Durham, Feb. 14, 1878.

AMERICAN COLLAR

Reliable Scotch Collar. New Stock of LEATHER, HAIN WHIPS, CURRY OMBRES, BRUSHES, BELLS, &c.

Ayer's Hair Vigor

FOR RESTORING GRAY HAIR TO ITS NATURAL VITALITY AND COLOR. It is the most agreeable dressing which is at once harmless and effectual for preserving the hair. It restores, with the gloss and freshness of youth, faded or gray hair, and red hair, to a rich brown or deep black, as may be desired. By its use the hair is thickened, and baldness, though not always cured, is checked. The hair immediately and abundantly grows in all cases where the glands are not decayed, while to brassy, weak, or otherwise diseased hair, it imparts vitality and strength, and renders it pliable.

Look out for cold wear

How are you for for S... A VERY important question for one to consider as there is nothing more for health than cold feet. You can't get cold by walking on snow, but you can get cold by walking on snow with bare feet. You can't get cold by walking on snow, but you can get cold by walking on snow with bare feet.

Knitting Stockings & Socks

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. SOLD BY ALL DRUGGISTS EVERYWHERE.

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