

PUBLISHED DAILY BY JAMES GORDON BENNETT. In the Clinton Buildings, at the corner of Nassau and Beekman streets.

THE NEW YORK HERALD. A DAILY AND WEEKLY NEWSPAPER. DISTRIBUTION AND SUBSCRIPTION—The Daily Herald is served to subscribers in the city, regularly every morning.

TERMS OF ADVERTISING.—The extensive circulation of the Herald, both in town and country, make it a superior medium for advertisements.

NOTICE OF THE ELECTRO-MAGNETIC MACHINE OF MR. THOMAS DAVENPORT, OF BRANDON, NEAR RUTLAND, VERMONT.

The iron was not wound over the entire length, of one of the steel semicircles; but both ends were left projecting, and being turned inward, were made to conform to the bend of the other part; each end that is turned inward and not wound is about one third of the length of the semicircle.

On 1819-20, Prof. Orsted, of Copenhagen, discovered that magnetism was evolved between the poles of a galvanic battery. Prof. Schweigger, of Halle, Germany, by his galvanic multiplier, succeeded in rendering the power manifest, when the galvanic battery was nothing more than two small wires, one of copper and the other of zinc, immersed in as much acidulated water as was contained in a wine glass.

Although the magnetization of both the stationary and revolving magnets was imparted by one and the same battery, the magnetic power was not immediately destroyed by breaking the connexion between the battery and the stationary magnet; for, when this was done, the machine still performed its revolutions with great, although diminished energy.

It has been stated by Dr. Ritchie, in a late number of the London and Edinb. Phil. Magazine, that electro-magnets do not attract so great a distance as permanent ones, and therefore are not well adapted for producing motion.

On this point Mr. Davenport made the following experiment, of which I was not a witness, but to which I give full credit, as it is reported to me by Mr. Slade, in a letter dated New York, March 24, 1837.

Mr. Davenport suspended a piece of soft iron with a long piece of twine, and brought one pole of a highly charged steel magnet within the attracting distance, that is, the distance at which the iron was attracted to the magnet; by measurement, it was found that the steel magnet attracted the iron one inch and one fourth. A galvanic magnet was next used of the same lifting power, and consequently of much less weight; the attracting distance of this magnet was found to be one inch and three fourths, showing a material gain in favor of the galvanic magnet.

Mr. Slade inquires, "has Mr. Ritchie's magnet been so constructed as to give a favorable trial to this principle?" Mr. Davenport informs me that each increase in the number of wires has been attended with an increase of power.

ced by suspending a magnet of 150 lbs. from a small galvanic battery, he immediately inferred, without any knowledge of the theory or the experiments of others, that he could propel machinery by galvanic magnetism.

Mr. Davenport is, by occupation, a blacksmith, with only a common education, but with uncommon intelligence—his age about thirty-five. Mr. Ransom Cook, of Saratoga Springs, is associated with Mr. Davenport, and has rendered essential service by the improvements he has made in the machine, and by his assistance in bringing the subject before the public in the most effectual way.

P. S. The proprietors are constructing a machine of seven inches in diameter, and also one of two feet in diameter. Galvanic magnets will be used as the moving and stationary magnets of each.

MADAME J. HOUBERT, MILLINER AND HATTER, 39 3/4 John street. Respectfully informs the Ladies and the public that she receives constantly from Paris, THE LATEST FASHIONS, consisting of Hats of every description, Embroidered, Linen Cambré Handkerchiefs, &c. &c.

DR. ELLIOT, Oculist, AND PROFESSOR OF OPHTHALMIC AND DISEASES OF THE HUMAN EYE. Office, 263 Broadway—private office in Beane street.

J. W. PAYNE, 3 PARK ROW. Has opened a Refining and Gilding establishment at all times supplied with the very best and choicest articles the market affords.

JOSEPH P. SPENCER, Having completed the arrangements attendant upon opening his Hat Warehouse, is now prepared to furnish an article of credit and style, and at the same time to supply the increased variety of goods not previously offered at the stand and price, viz: 50c.

THE FASHIONABLE, NEW ARRIVAL, BIRD, LACE, and many more with Lenny & Co. after the most successful experience in all the branches of his business, has been established in this city, on the corner of Nassau and Beekman streets, No. 121.

MILLINERS SUPPLIED AT WHOLESALE PRICES. TO THE LADIES. T. MORGAN, 25 NASSAU STREET. Begs leave to inform the Ladies of New York and its vicinity, that he has just received, from the most choice and select sources, a large assortment of the most elegant and fashionable styles of hats, bonnets, and caps, suitable for the season.

PACKET LINE FROM PHILADELPHIA TO PITTSBURGH. The Public are informed that the above line has commenced operations on the 1st of April.

LONG ISLAND RAIL ROAD. On and after the 10th of April, the Cars will run as follows: 7 o'clock A. M. to 10 o'clock P. M.

ARRANGEMENT FOR THE APRIL PRO-VIDENCE. The steamboat LEXINGTON, Capt. Van Dusen, will start on the 10th of April, for New York, leaving New York, Peck Slip, E. R. at 4 o'clock P. M.

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PARIS EMBROIDERIES.—Just received, a selection of the most elegant and fashionable styles of Paris Embroideries, suitable for the season.

PEARL STREET HOUSE REBUILT.—No. 121 PEARL STREET. This spacious establishment is undergoing extensive repairs, and will be ready to receive its former tenants, in the center of the commercial operations of the city.

PRINTING MACHINE FOR SALE.—A Patent Double Cylinder Printing Machine, in perfect order, for sale on reasonable terms.

NEW YORK LIFE INSURANCE AND TRUST COMPANY.—Persons may effect insurance with this Company on their lives, or the lives of others, and either for the whole duration of life, or for a limited period.

OLD ESTABLISHED PACKET OFFICE. The Proprietors have a new and improved arrangement for the dispatch of extra Spring Ships, to leave Liverpool in the month of February, March, and April.

FRIGHT AND PASSAGE FOR LIVERPOOL. To remedy the inconvenience of shipping to shippers in Liverpool, by the use of the recent vessels having short goods, they are required to observe that in addition to the eight extra Spring vessels, they will present, in the month of April, the following additional vessels, engaged, in order to afford every facility with a greater frequency of departure, viz:—

DOUGLASS ROBINSON & CO. ROBINSON'S BROTHERS, Liverpool. PASSAGE TO AND FROM THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND.

OLD ESTABLISHED PACKET OFFICE. The Proprietors have a new and improved arrangement for the dispatch of extra Spring Ships, to leave Liverpool in the month of February, March, and April.

BECKER STREET HAT AND CAP STORE. JOHN MILLER, 24 BECKER STREET, anxious to return to his native country, and to give to his friends in general, for the very liberal patronage he has received for the last five years, and as he is about to retire from the business, he is willing to sell his stock at a low price, and solicit their liberal patronage in favor of MR. JOHN WILSON.

HATS, CAPS, AND STOCKS.—UTILITY, BECKLEY STREET, AND ETC. These the essential qualities, are respectfully invited to call on Watson and Van Duzer, 134 Chatham street, where for the lowest price and material, they can obtain the advantage of a choice style and material, and in addition, the comfort of the weather. Wholesale dealers supplied on the most liberal terms.

ONE PRICE AND ONE QUALITY. BROWN & CO. Chatham Square, continue manufacturing their celebrated Hats, price THREE DOLLARS, and as they are obliged to close their business, they are willing to sell the public, the price that they have nearly reached the ultimatum of their business, a sacrifice and a concession to the wearers. All styles of hats, caps, and stocks, at the lowest price.

TRAVELLING STODDART & CO. No. 121 Pearl Street. Travelling Stoddart & Co. have the honor to inform the public, that they have on hand, and are constantly receiving, fresh supplies of Hatter's Plush and Trimmed Hats, Caps, Stocks, and Stock Frames, at wholesale.

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FRONT BRICKS.—For sale, at the corner of Nassau and Beekman streets, New York. A supply may be had on the spot.