

GRIP
 Pulleys & Cut off
 + Couplings.
 10^{INCHES} x 3^{INCHES} TO
 10^{FEET} x 30^{INCHES}
SPLIT OR SOLID
 GUARANTEED
 AFTER USING YOU WONDER
 HOW YOU MANAGED WITHOUT IT.
 WKS. G. Brantford, Can.

SPARKS.

A single line of force, or unit, is that amount of magnetism which passes through every square centimetre of cross section of a magnetic field whose intensity is unity.

The Belleville gas company's works and electric plant have been leased for ten years by Mr. Pearson, of Toronto, who is to pay 6 per cent. on the capital of \$80,000 and 6½ per cent. on a mortgage of about \$40,000.

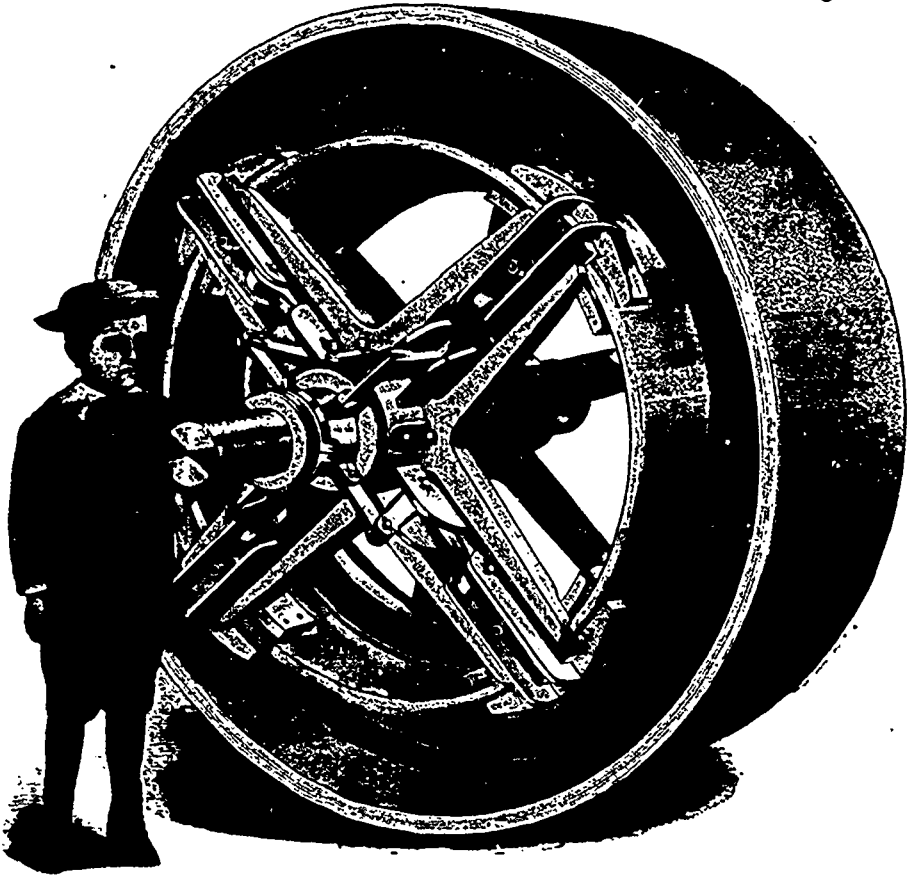
The volts in the shunt dynamo fall, whilst those in the series rise as the current rises. By employing compound winding, the mean of the two effects is obtained, and the volts can be kept practically constant over a wide range, without change of speed.

The Ottawa Electric Street Railway Co. has been organized as follows: President, J. W. McRae; vice-president, Geo. P. Brophy; treasurer, Wm. Scott; secretary, D. C. Dewar. The secretary reports that about three-fourths of the stock of the company has been subscribed.

Mr. MacIntosh, M. P., is at the head of an Ottawa syndicate which is seeking incorporation under the name of the "Anglo-Canadian Electric Storage and Supply Co.," for the purpose of manufacturing, selling and leasing secondary batteries and all kinds of electric supplies and appliances.

The business and plant of the Hamilton Electric Light Co. was purchased at auction on the 19th inst., by Toronto and Hamilton capitalists for the sum of \$92,000. The Toronto members of the new company are directors of the Toronto Electric Light Co. The Hamilton members are Messrs. J. M. Lottridge, R. E. Kennedy, J. V. Tetzl, Robert Thomson and D. R. Dewey. It is stated that \$50,000 will be spent in improving the service and establishing an elaborate incandescent lighting system.

In interior wiring for incandescent lamps, particular attention should be paid to fuse boxes, and especially to the quality of the fuse wire. This is made of such varying composition that scarcely two makes act in a similar manner. Some samples possess good conductivity and are slow in heating, while others fuse readily not only causing the annoyance of frequent replacement, but offering the temptation to careless workmen to use too heavy a fuse wire or substitute copper wire,—a most pernicious practice and destroying at once the protective properties of the fuse box.
 —Modern Light and Heat.

Hill Patent Friction Pulleys**AND CUT OFF COUPLINGS**

For Electric Light Stations and all purposes where intermittent power is required.

MILLER BROS. & TOMS,

(Successors to Miller Bros. & Mitchell)

Toronto Office: 74 York Street.

MONTREAL, QUE.

ESTABLISHED 1869.