

SPARKS.

The Wesville, N. S., Electric Light Co. is substituting incandescent for arc lights.

We are indebted to the *Electrical World* for a large size colored lithographic illustration of the Electricity Building in connection with the World's Fair.

The Woolley Electrical Appliance Company at Barrie, Ont., are applying for incorporation with a capital stock of \$25,000, to manufacture the Woolley electric magnetic apparatus and other electrical appliances.

A petition has been sent to the Montreal City Council against the running of electric cars all winter. The plea for this is that the streets on which the cars run will almost be bare of snow and prevent sleighing, while other streets will be covered with snow and forbid wheeling.

A change in the directorate of the St. Johns', Que., Electric Light Company has recently been made, Messrs. Trotter and Turnbull retiring. The vacancies thus created have been filled by Messrs. J. B. Tresidder, of Iberville, and J. B. Hutchison, of Montreal. Considerable improvements are being made in the electric light station.

The County Council of York have granted the right of way on the Kingston road from the Woodbine corner to Highland Creek to the Toronto & Scarboro Electric Railway and Lighting Co., providing the rate of passenger fare shall not exceed 3c. per mile from Toronto to Scarboro Junction, and 2c. per mile for the remainder of the distance.

The difficulty of maintaining schedule time with a large number of cars is well recognized; and on many lines if a car be delayed by an accident for a quarter of an hour or 20 minutes, the whole line would be so deranged that schedule time will not be overtaken during the whole of the day. In Denver where there are 74 miles of electric and 13 miles of cable tracks, requiring about 103 trains in daily operation, this is especially important. It was found that a breakdown of any kind on the road inevitably disorganized the traffic, since the making up of time rested chiefly with the conductors. To obviate this a system of telephone circuits has been arranged with various call points, all communicating with the head office. Every conductor on arriving at the terminus of his route immediately reports to headquarters the number of his car, and receives in reply his proper leaving time and any instructions that may be necessary. The dispatch clerk is thus advised of the whereabouts of each car, and is able often to fill up a space of from 30 to 60 minutes caused by a "parade." Of course it is impossible for one car to jump another by the cable or electric systems, and hence the proper control of the cars is of more importance than with horse service. As a set off against the expense of the telephones may be taken the saving of starters at the various termini. The telephones are estimated by the Denver Company to give a saving of at least 80 per cent over the cost of the old system.

New Facts about the Dakotas

is the title of the latest illustrated pamphlet issued by the Chicago, Milwaukee & St. Paul R'y regarding those growing states, whose wonderful crops the past season have attracted the attention of the whole country. It is full of facts of special interest for all not satisfied with their present location. Send to A. J. Taylor, Canadian Passenger Agent, No. 4 Palmer House Block, Toronto, Ont., for a copy free of expense.

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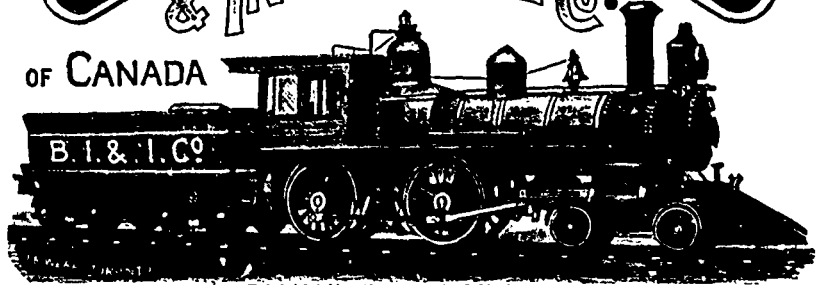
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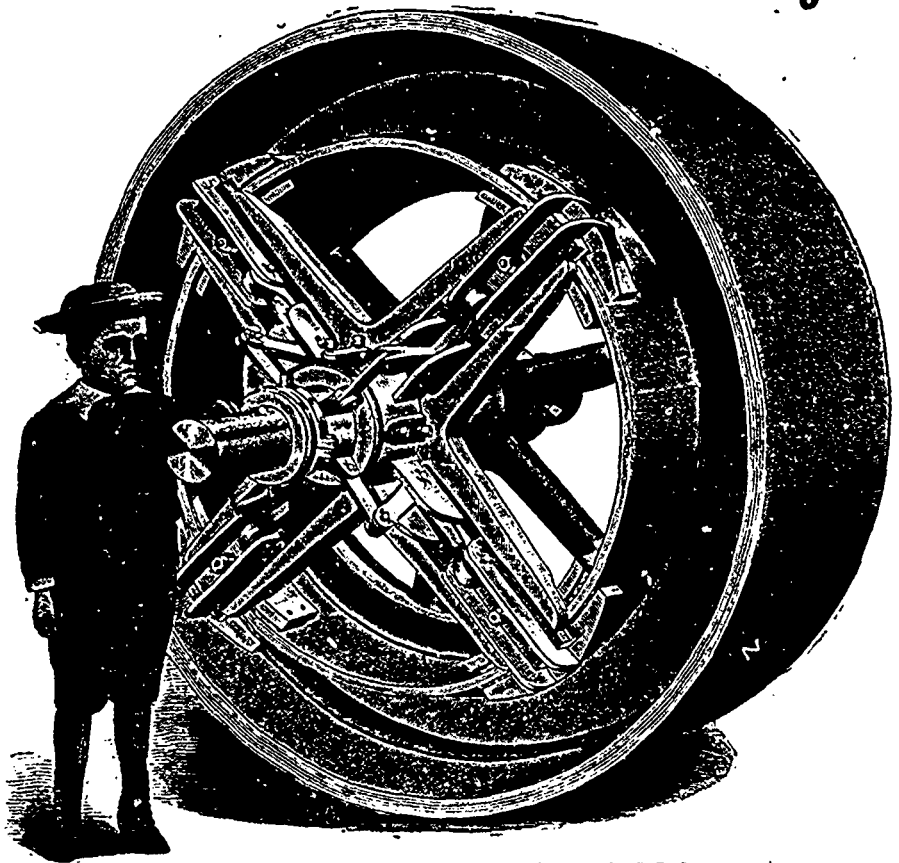


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