

Rapid Telegraphy.

In a test recently made at Budapest of the Pollak and Virag system of telegraphy it was demonstrated that 80,000 words an hour could be transmitted over one wire. As described by the Electrical World, the transmitting part of the apparatus consists essentially of a small mirror attached to a telephone membrane, which moves with each making and breaking of the circuit. This mirror reflects a powerful electric light upon an

A Flying Greyhound.

Major Baden-Powell recently visited the "dockyard," wherein the great aerial steamship of the future is being fashioned, says an exchange, and he writes about it as follows: I was immensely impressed on entering the great wooden building, erected on a floating raft, to see what appeared to be the slender skeleton of some huge vessel, as big as one of our most powerful battleships, but of such delicate material as rather to suggest a



CANADA TO THE EMPIRE.

EMBARKATION OF PART OF THE SECOND CANADIAN CONTINGENT ON SS. "POMERANIAN," AT HALIFAX, N. S.
Photo. by Notman, Halifax.

opening in a drum, through which the light plays upon a roll of sensitized photographic paper which is made to pass behind the opening. This paper is capable of recording telegraphic signals at the rate of 400,000 per hour, which, on the average, is the equivalent of 80,000 words per hour. The sensitized paper is developed in a few moments and the telegraphic signals are transcribed therefrom.



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stupendous bird-cage. This, made entirely of aluminium, is the framework. Inside, a number of large balloons will be placed. Underneath are the gallery and the cars, all of aluminium, and here are the engines with which to drive the vessel, it is hoped, at the rate of 22 miles an hour through the air. The total lifting capacity will be about 10 tons, which should enable the vessel to carry sufficient stores and ballast to remain in the air for some days. Altogether something like \$350,000 has been spent upon it, and a commission, including many of the leading scientific experts in Germany, have approved the plans.