TELEGRAPHY ON AN EXPRESS TRAIN.

CHICAGO, March 5.—On train No. 9 of the Chicago, Milwaukee and St. Paul Road, leaving Chicago for Milwaukee at 3 o'clock yesterday afternoon, the first experiment was made in the way of receiving messages on a regular express train in rapid motion from the various stations along the line of road. Special trains with peculiar appliances for accomplishing this result have on Eastern roads successfully made experiments of the kind. This was the first case, however, in which a regular passenger train not specially equipped for the purpose was in constant telegraphic communication with all the stations on the road. For the purpose of the experiment the metallic roof of the car was charged with the electric current, and a wire ran from the car roof to a table in the car on which the usual instrument rested. George C. McGregor, Manager of the Railway Telegraph and Telephone Company, supervised the work, which was performed by Messrs. Dingle and Rudd, electricians of the company. Communication was kept up with all the stations on the line as easily as if a wire had been stretched direct from the train.

The electric current in use for messages on the train is conducted through the air, leaping from the roof of the car to the wires beside the road and carrying the message sent. Operators along the line did not notice the antics of this stranger on the wires. The invention, when perfected, will permit trains moving in all directions to communicate with each other. At present trains can only communicate with sta-

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The New York Times

Published: March 6, 1886 Copyright © The New York Times