



—Grand Rapids Press Photographer. may empower the executive  
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**GLASS EVERYWHERE, EVEN BELOW**—These are the cars which may determine whether freight trains will be able to go 80 miles an hour on regular runs. Tests now are being conducted between Gand Rapids and Gand Ledge, with the co-operation of the C&O railway. The nearest car has windows on the top and bottom as well as the sides.

## C&O Tests New Freight Trucks With 80-Mile-Speed Objective

Freight cars that will roll across the country at 80 miles an hour—50 per cent faster than now—may result from experiments being conducted right here in Grand Rapids for benefit of all railroads.

The Chesapeake & Ohio railway, from its Wyoming yards here, every day is sending out an experimental train, powered by a sleek streamlined locomotive, to find out if it can speed up freight shipments.

Scores of manufacturers of

freight car "trucks," those four-wheeled units under each end of a freight car, are working in co-operation with the C&O engineering office here.

Twice daily the experimental train makes a 96-mile round trip to Grand Ledge. Every day the test car rides on different trucks.

First trip of the day the car rides empty. On the first half of the second trip the car carries 48,000 pounds. On the last half, 88,000 pounds.

Every inch of both trips is carefully recorded by electrical instruments in an accompanying test car.

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