

for that portion of the work which is now costing more than 25 cents per ton.

A typical arrangement of an overhead telpther carrier system is that in operation at the Bergen, N.J., freight house

in use. Ten machines operating at one time on the three tracks keeping to the regular routes indicated by the arrows in Fig. 7, would be able to handle 1,000 tons of freight in a day of 20 hours, allowing each machine 6 minutes to make

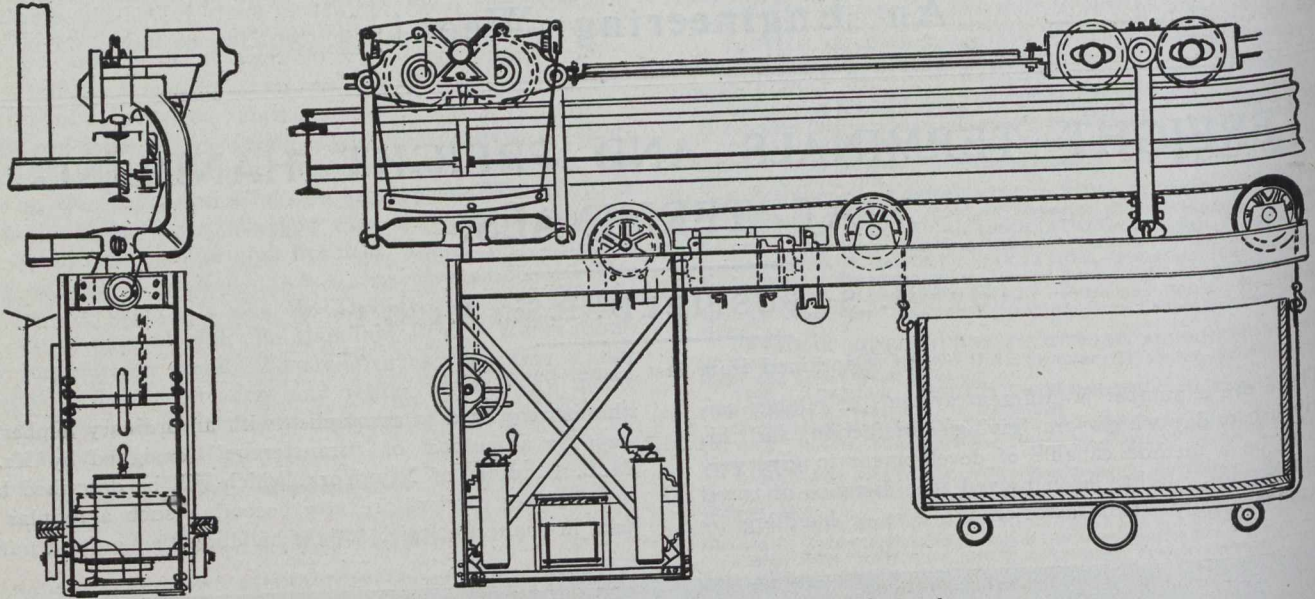


Fig. 9.—Details of Telpther Carrier and Truck.

of the Erie Railroad. A general plan of the houses is given in Fig. 8. It will be seen that there is one inbound platform and two outbound 1,400 feet long with a carrier running down the centre of each platform and connected with cross tracks

the round trip of 3,000 feet. The average speed of each telpther would be 500 feet per minute, including all stops for picking up and setting down the loads and the maximum travelling speed 1,500 feet per minute.



Fig. 10.—General Plan of Missouri, Kansas and Texas Terminal Company's Terminal at St. Louis.

and switches at each end. A detail view of the carrier truck and running track is shown in Fig. 9. This type is illustrated as being a general sample of a great number of telpthers

These telpthers are designed to carry a maximum load of 1 ton and an average of 1,000 lbs. for each trip. In operation the trucks carried by the telpther are wheeled right into