

FIGURE 2

CENTER OF WHEEL

The hub of each wheel consists of two (BT) pierced discs to which are fastened 16 (C) 10" girders, 8 to each disc. The two wheels are fastened together at four places on the rim with (BE) 6" angle girders held to the rims with (CH) right angles. See Figure 1.

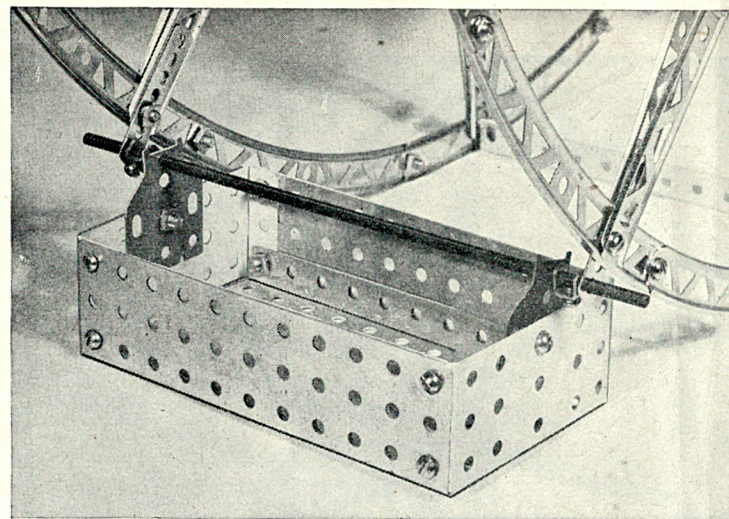


FIGURE 3

THE BASKET

The Ferris Wheel has four baskets which represent seats. Each of these are built with an (MD) 2 1/2" x 5" base plate for the bottom, 2 (MF) 1" x 5" base plates for the sides with (MC) 1" x 2 1/2" base plates on the ends. Inside the ends of two baskets are fastened (MV) flat car trucks. Inside the ends of the other two baskets are fastened P79 car trucks.

Three baskets are supported on the wheel from 7" axles which are held to the rim in one place with 2 (H) 11 hole strips, in another place with 2 (F) 5 hole strips, and in the third position with 2 (I) 21 hole strips. These strips are fastened inside the (C) 10" girders.

The fourth basket is supported on the wheel from an 8" axle made from 2 (AT) 4" axle rods fastened together with a P15 coupling. The axle is held between the wheel with 2 (H) 11 hole strips which are fastened inside the (C) 10" girders.