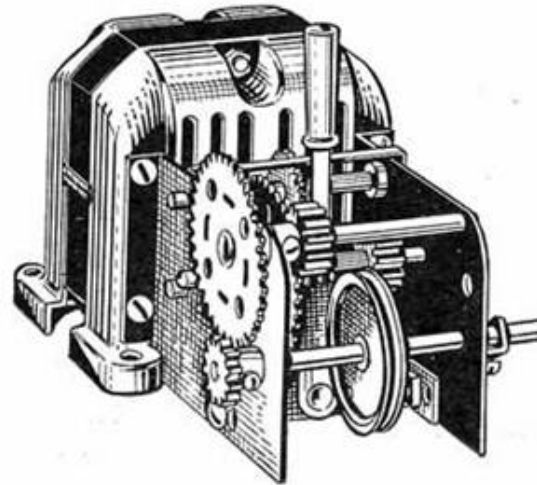


## Models Built with No. 8½ Erector



ELECTRIC  
ENGINE  
No. 12

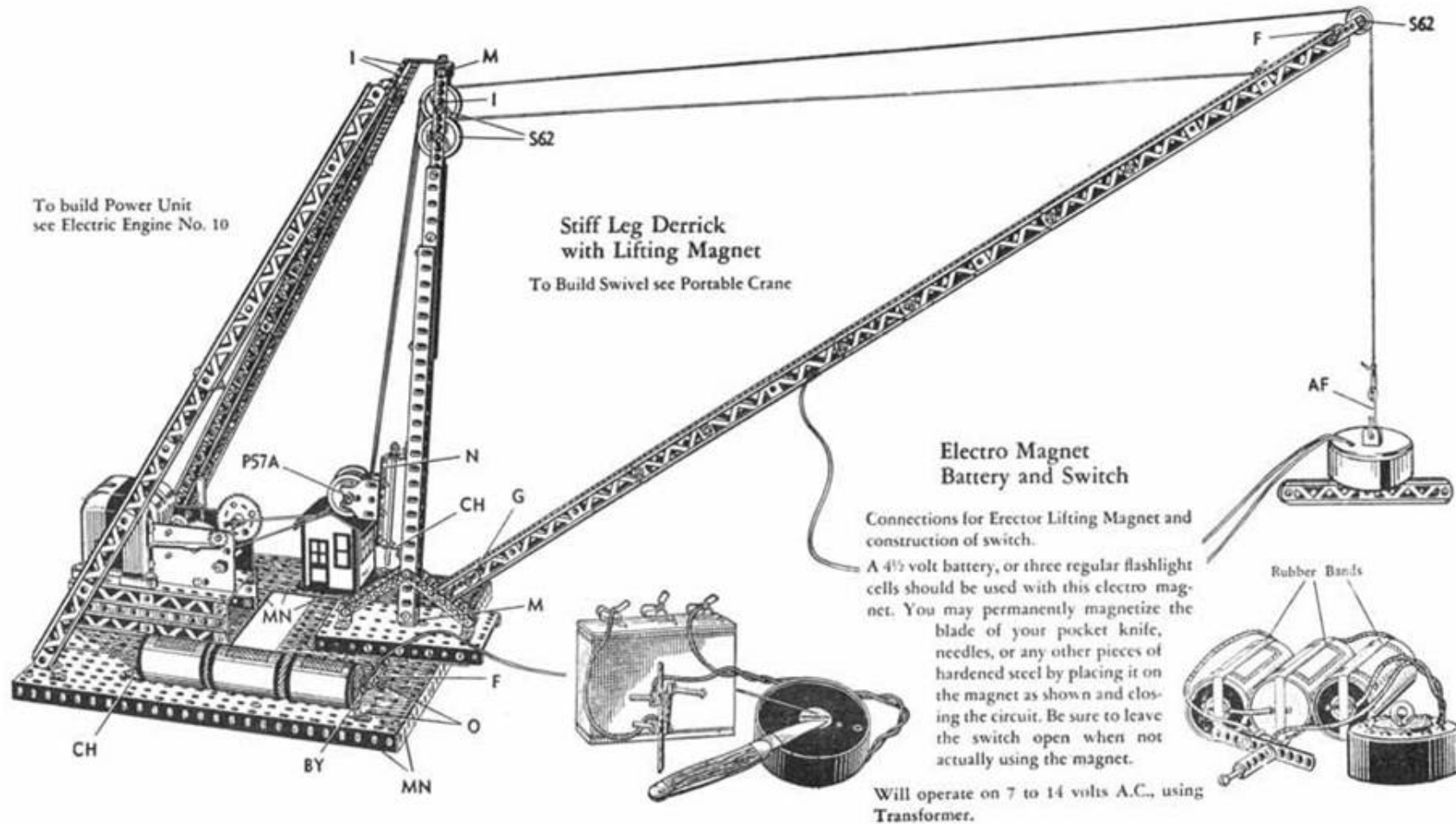
A high speed gear  
train for light loads

This gear box is  
used with the giant  
fly wheel, because of  
the great reduction  
in speed and increase  
of power when the  
large wheel is driven  
by the small pulley.

## Models Built with No. 8½ Erector

To build Power Unit  
see Electric Engine No. 10

Stiff Leg Derrick  
with Lifting Magnet  
To Build Swivel see Portable Crane

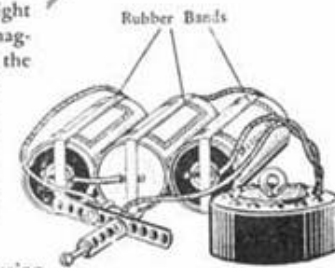


### Electro Magnet Battery and Switch

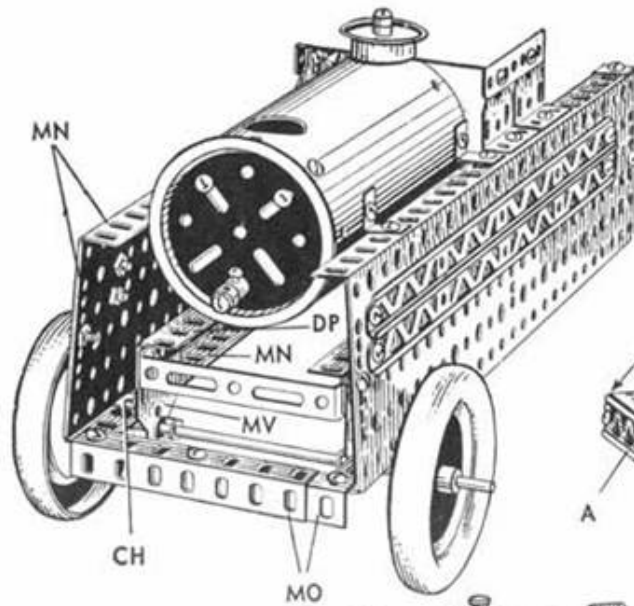
Connections for Erector Lifting Magnet and construction of switch.

A 4½ volt battery, or three regular flashlight cells should be used with this electro magnet. You may permanently magnetize the blade of your pocket knife, needles, or any other pieces of hardened steel by placing it on the magnet as shown and closing the circuit. Be sure to leave the switch open when not actually using the magnet.

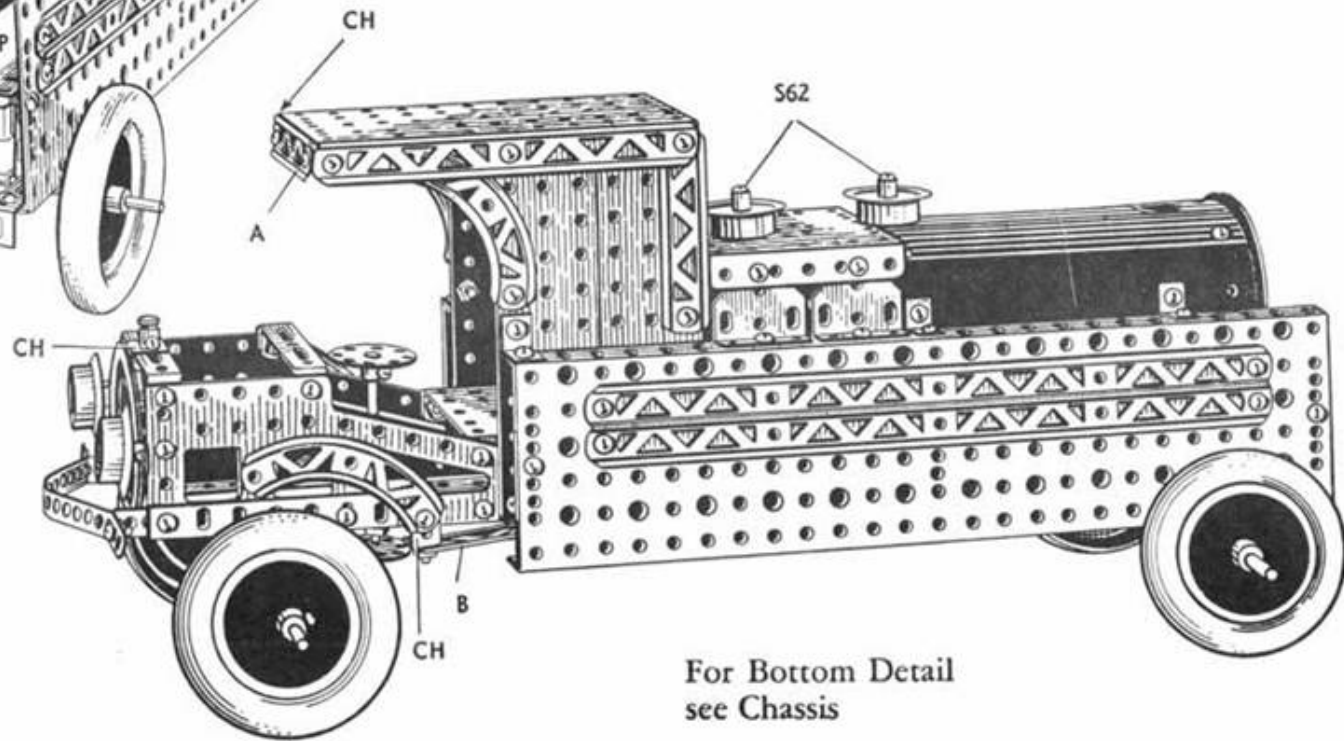
Will operate on 7 to 14 volts A.C., using Transformer.



## Models Built with No. 8½ Erector



Rear View  
Oil Truck

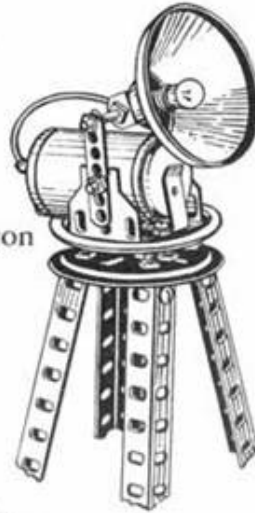


Oil Truck

For Bottom Detail  
see Chassis

## Models Built with No. 8½ Erector

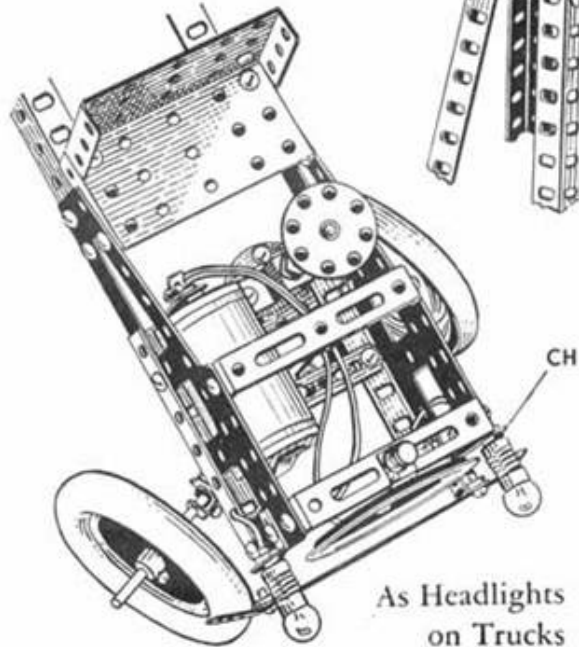
Use Regular  
Flashlight Battery



In Airplane Beacon

Suggested Methods  
for Using Lights

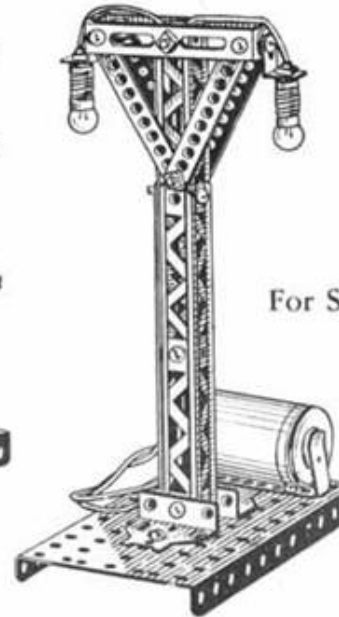
Use Regular Flashlight  
Batteries as Shown



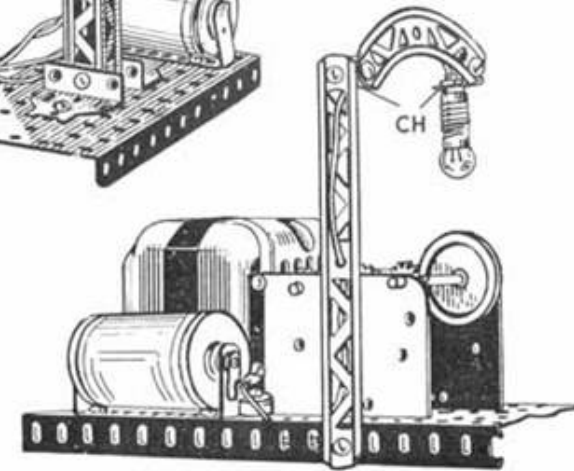
As Headlights  
on Trucks



Inside House

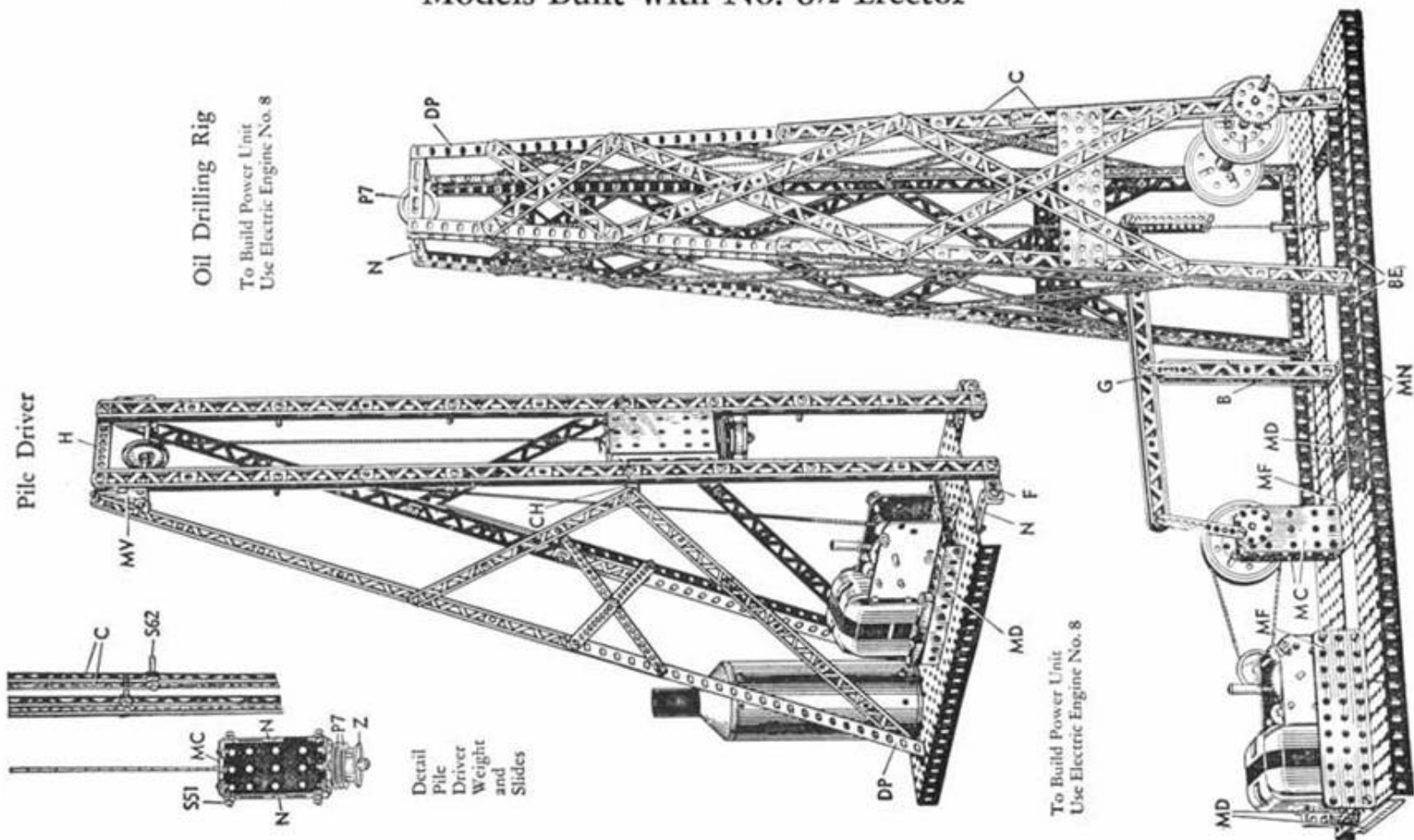


For Street Lights

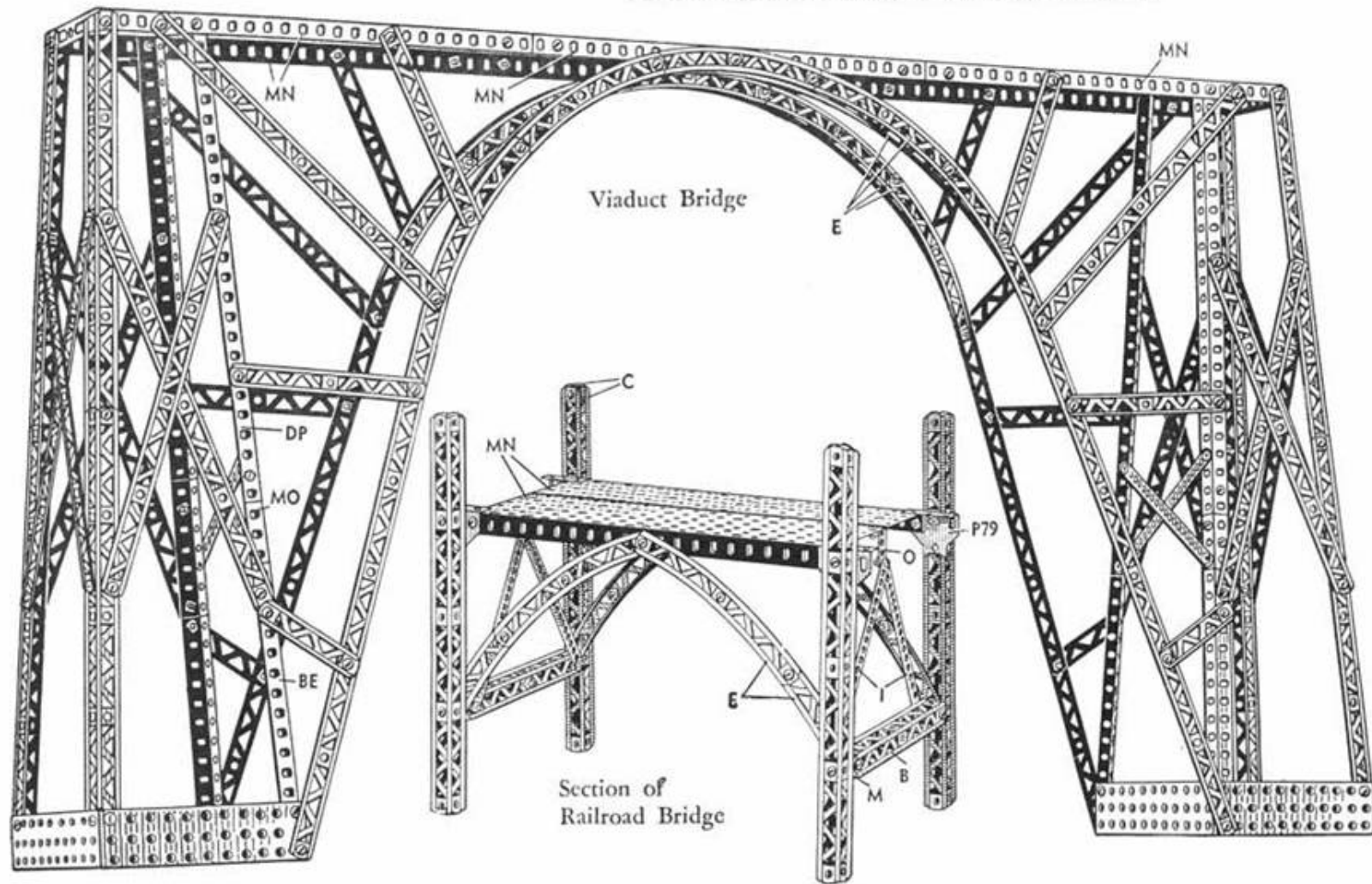


For Light over Machinery

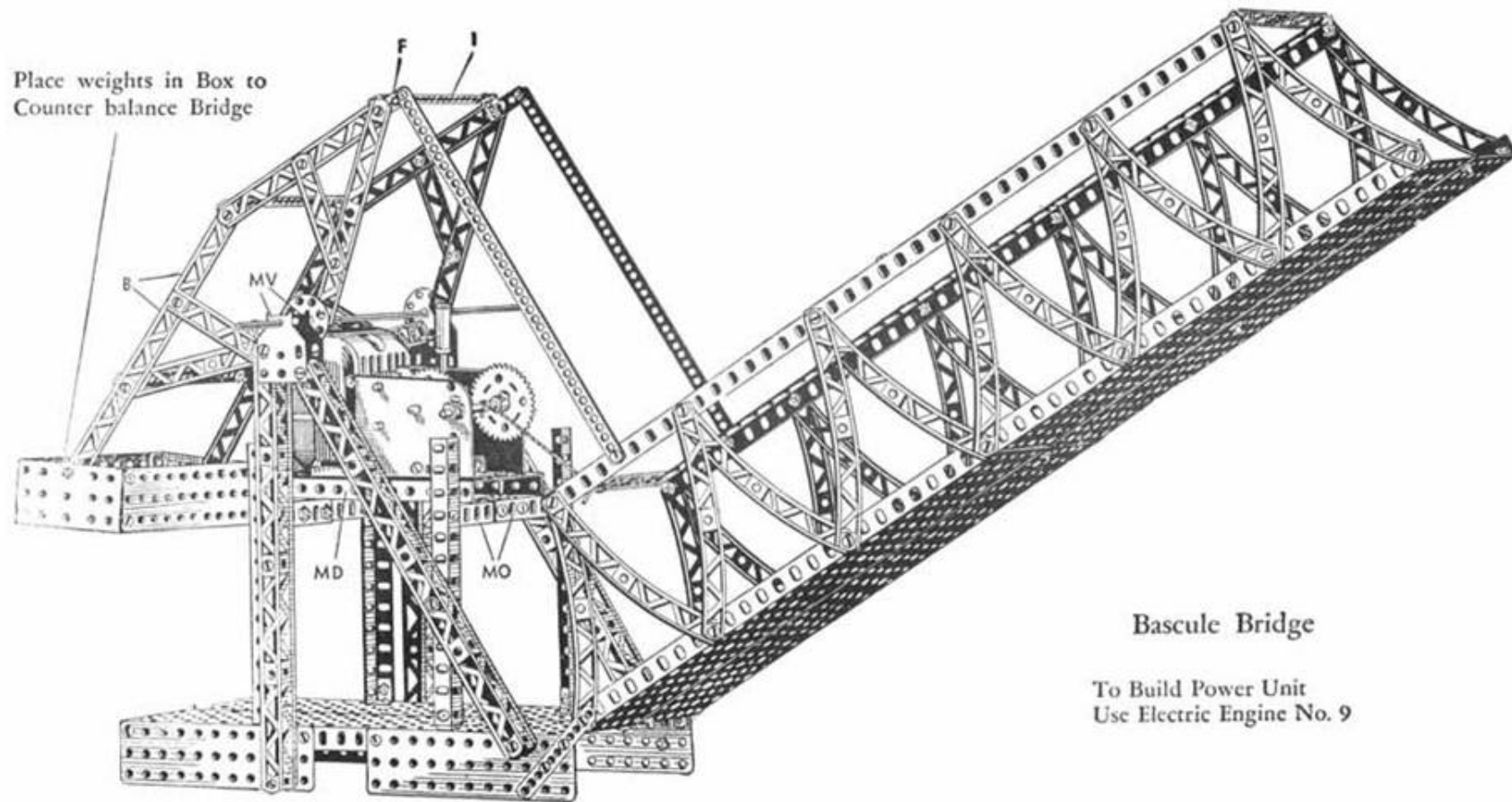
Models Built with No. 8½ Erector



## Models Built with No. 8½ Erector

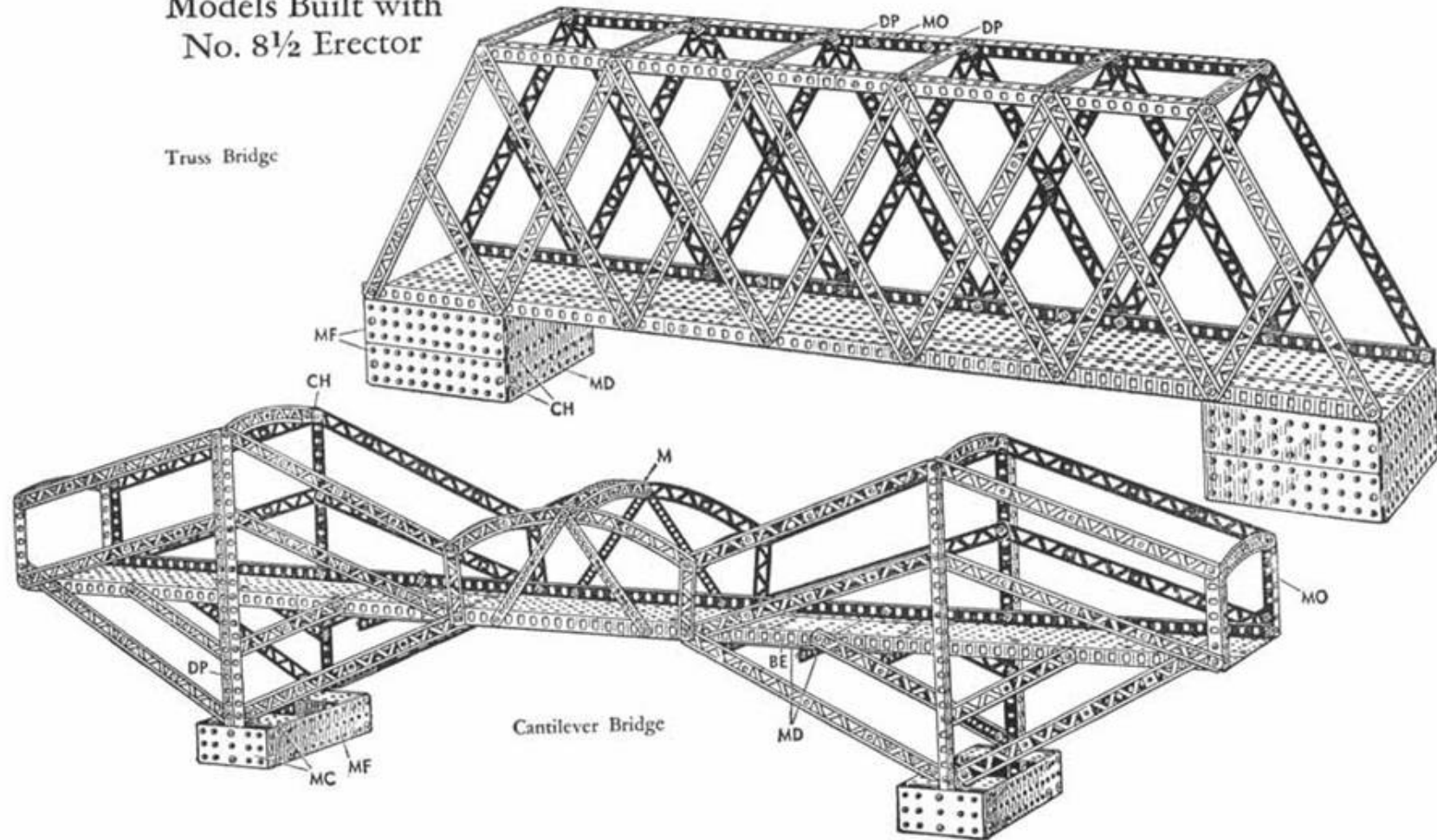


## Models Built with No. 8½ Erector

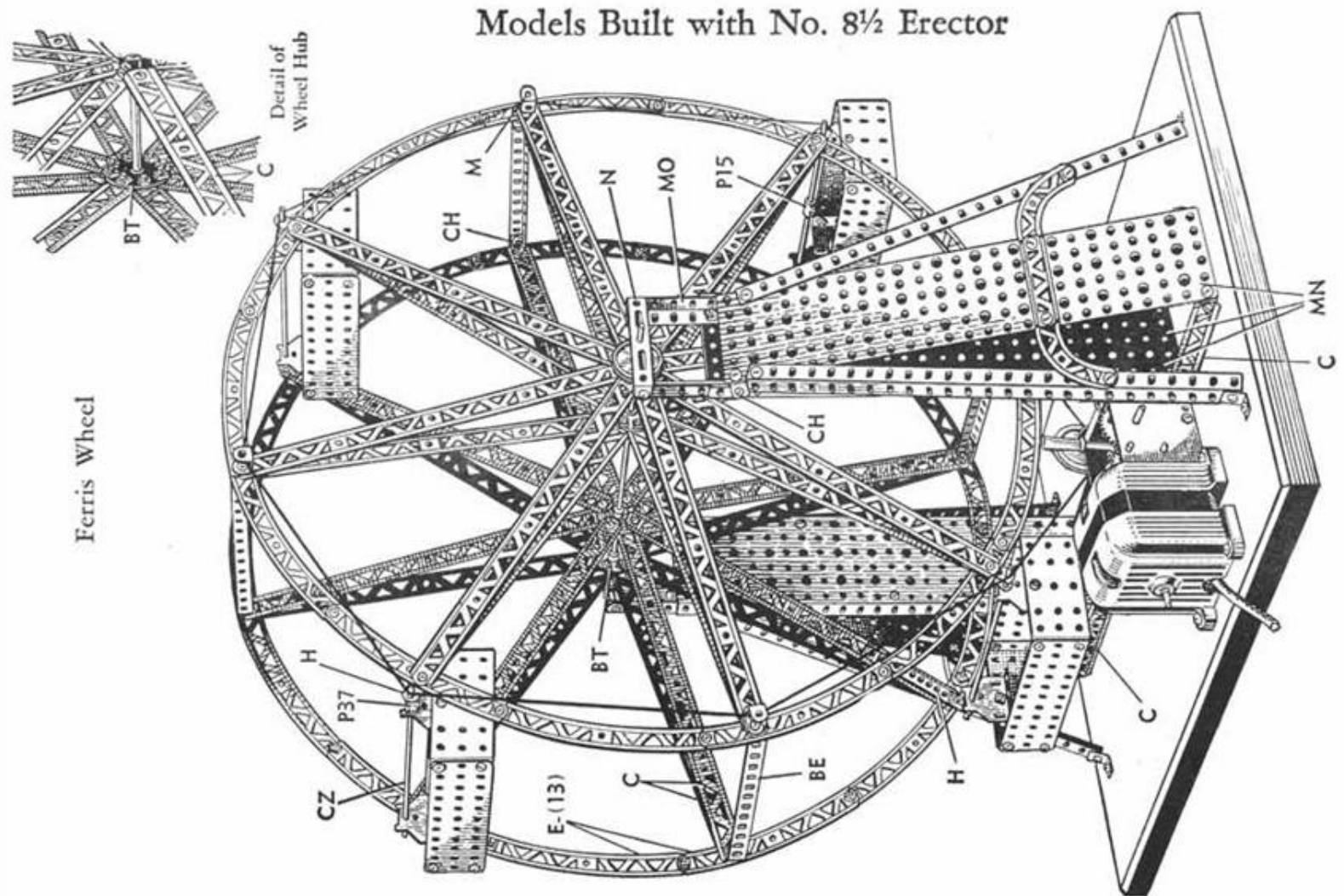


## Models Built with No. 8½ Erector

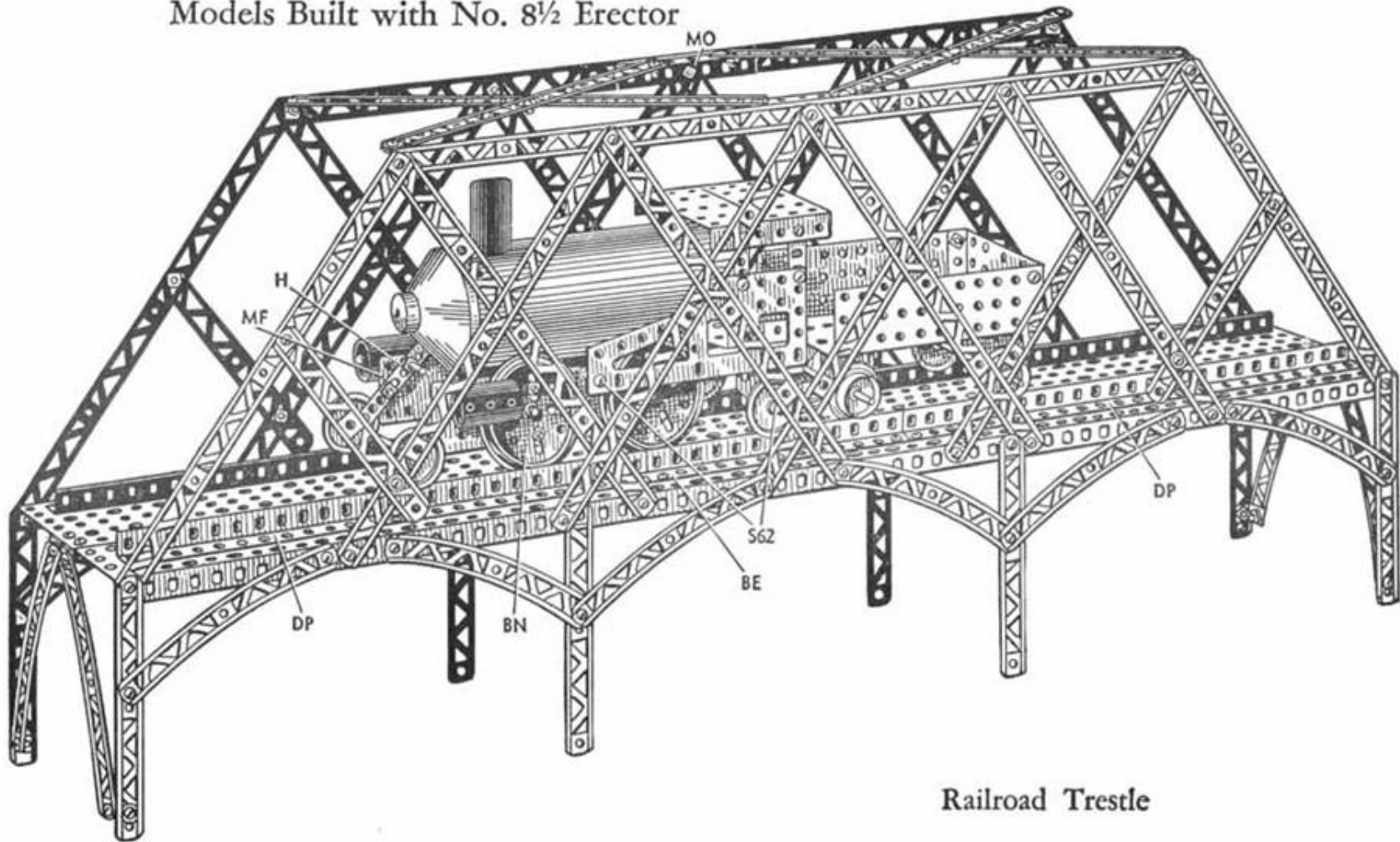
Truss Bridge



Cantilever Bridge

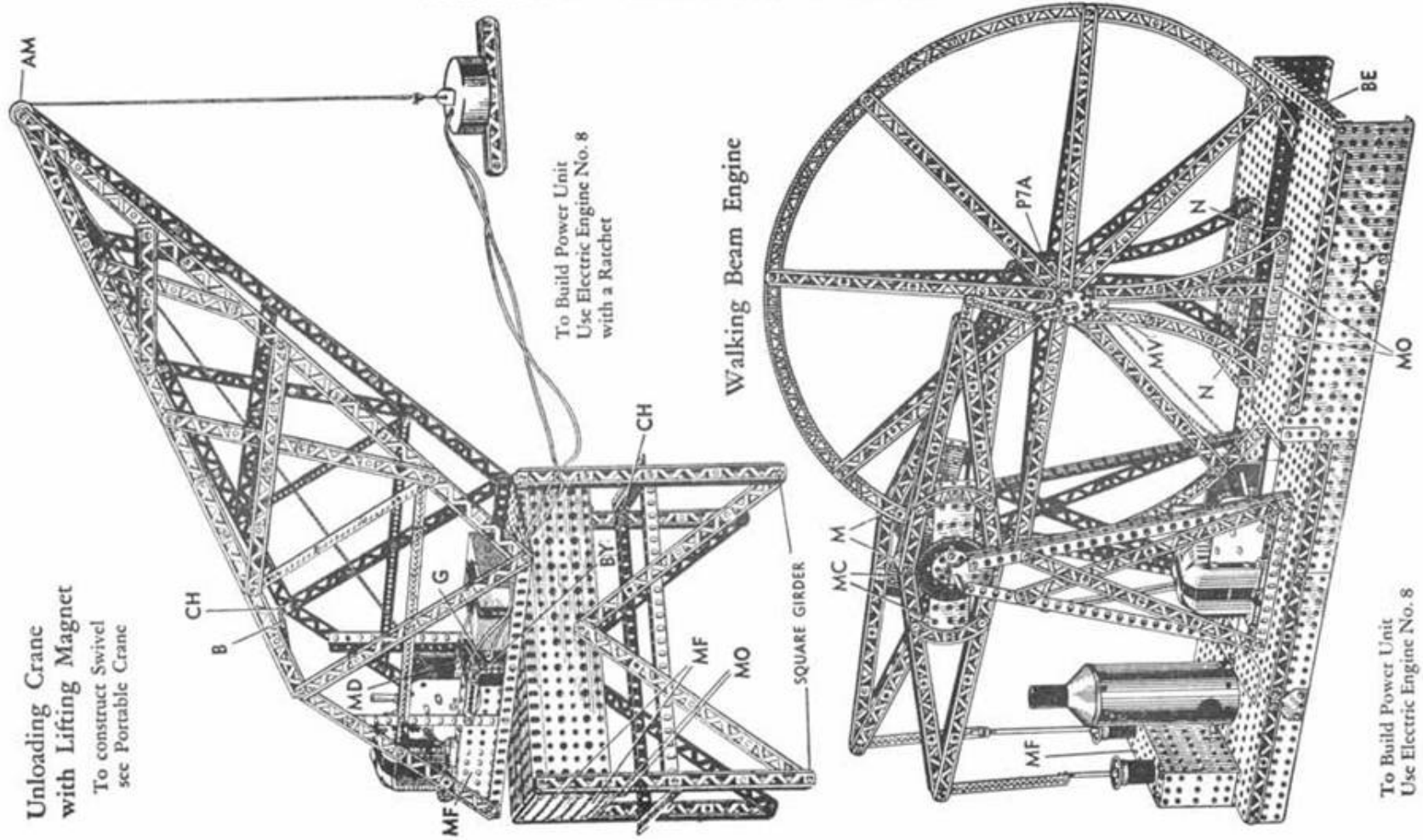


Models Built with No. 8½ Erector

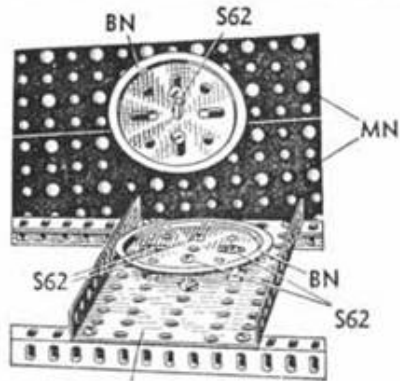


Railroad Trestle

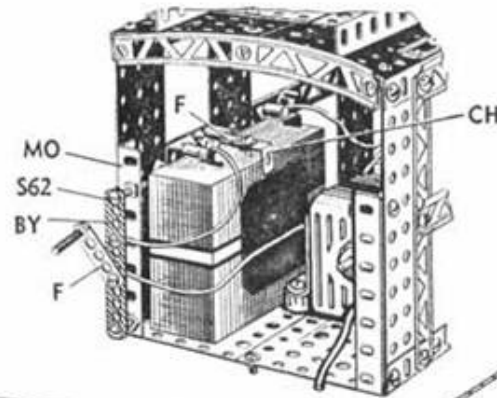
Models Built with No. 8½ Erector



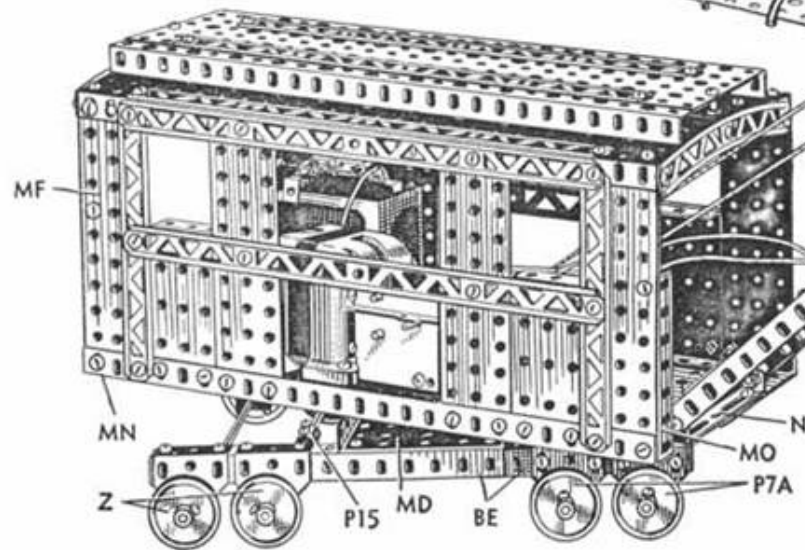
Detail of Swivel Base Portable Crane



Models Built with No. 8½ Erector

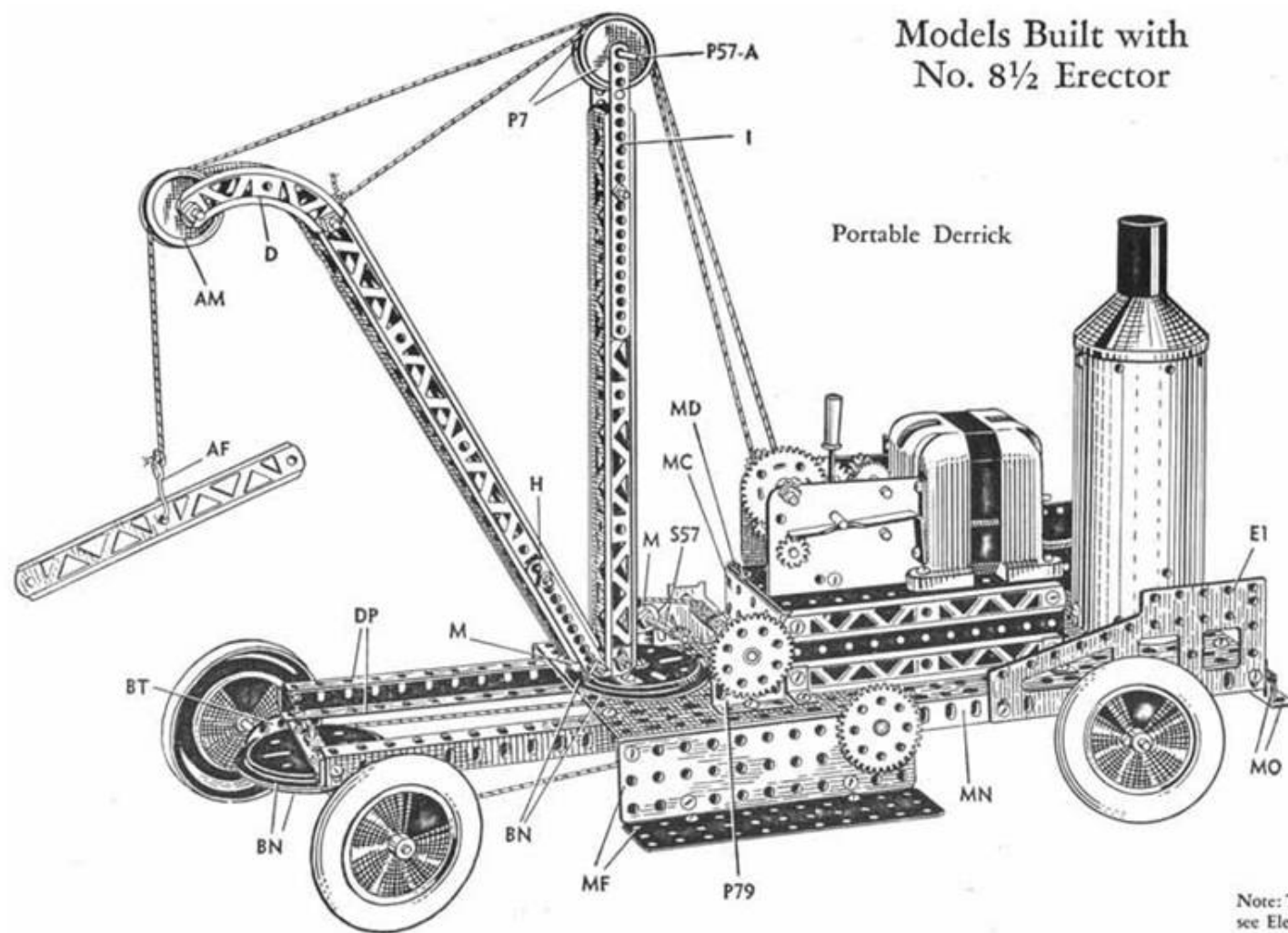


Detail of Switch and Battery Connections for Electric Crane



Portable Crane

To Build Power Unit  
Use Electric Engine No.10



# Models Built with No. 8½ Erector

