

MECCANO

No. 0 OUTFIT

MAKES
15
FINE WORKING
MODELS



BOOK
OF
INSTRUCTIONS
PRICE 5 CENTS.

Patented in England and Abroad

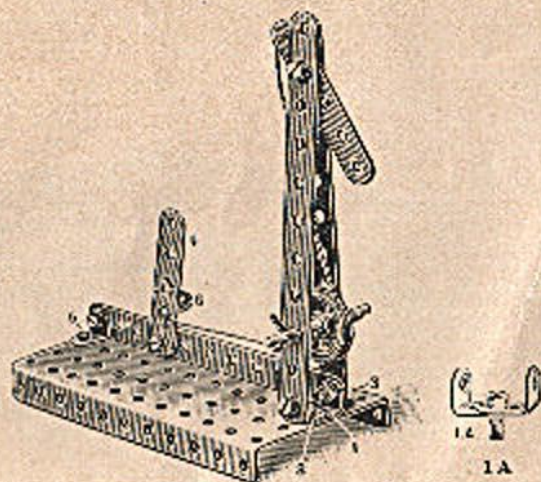
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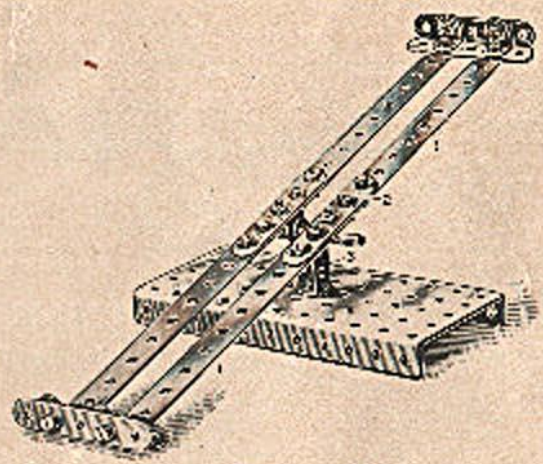
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It is however thought to be the same as or
similar to page 2 of Ref 13.4



Model No. 1—RAILWAY SIGNAL

Commence by attaching two angle brackets (Fig. 1a) in the fourth end hole (1) of the rectangular plate. Then to the bracket (2) attach a $5\frac{1}{2}$ " strip to form the near side of the upright, and to the angle bracket (3) two $5\frac{1}{2}$ " strips, one to form the far side of the upright, and the other further secured to the plate by angle bracket (5) to carry the lever.

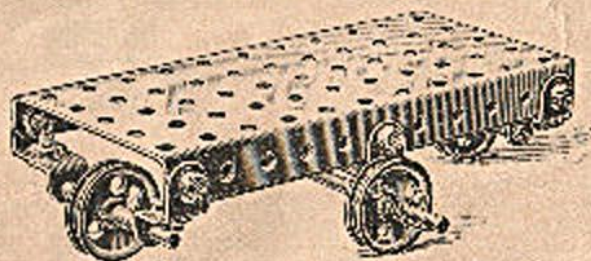
A bolt is then passed through the second hole from the top of the upright to carry a $2\frac{1}{2}$ " strip to represent the Signal, and is secured on the opposite side by two nuts locked together, to allow freedom for the movement of the Signal, and to prevent the bolt from working out. An angle bracket (6) is bolted on the opposite side of the lever, to prevent it from falling over too far. A short rod is then passed through the upright carrying a pulley wheel, around which the cord is passed connecting the signal with the lever.



Model No. 2—SEESAW

Make the Seesaw first. Commence with one side by connecting two $5\frac{1}{2}$ " strips (1) together with a $2\frac{1}{2}$ " strip (2), as shown in the illustration. An angle bracket is then bolted to the central hole of the short strip on its under side to form a bearing for the spindle. It is to be noted that the angle bracket is bolted with the head of the bolt downward, to clear the spindle. The other side of the Seesaw is formed in a similar manner.

Now connect these two together at each end by two $2\frac{1}{2}$ " strips and two angle brackets. Next, bolt the single bent strip (3) to the centre of the rectangular plate; bring the two centre brackets on the under side of the Seesaw in line with the top holes in the bent strip, and pass through the short rod, fixing a key on each side to keep it in position.



Model No. 3 REVOLVER TRUCK

In a Revolver Truck, the two end wheels are always raised just a little higher than the two centre wheels, so that the Truck may be quickly revolved upon the two centre wheels.

The bearings for the end axles are formed by connecting two angle brackets together as shown in Fig. 3A., and bolting them in each end hole at the sides of the plates.

The two centre bearings are formed as shown in Fig. 3B., and bolted in the centre holes of each flanged side of the plate.

It will be noted that the elongated holes, of the bearings are bolted on the outside of the plate flanges. This enables the end wheels to be raised, and the centre wheels to be lowered for the purpose already mentioned.

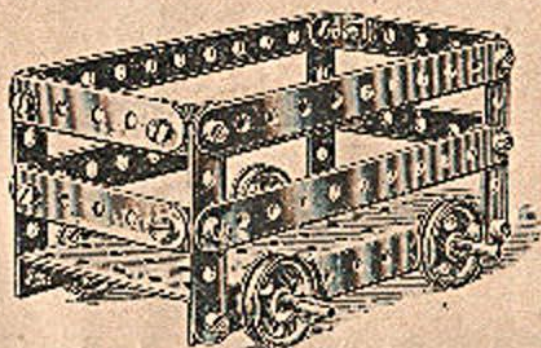
The axles and wheels are then placed in position, and secured by the keys.



Fig.
3A.



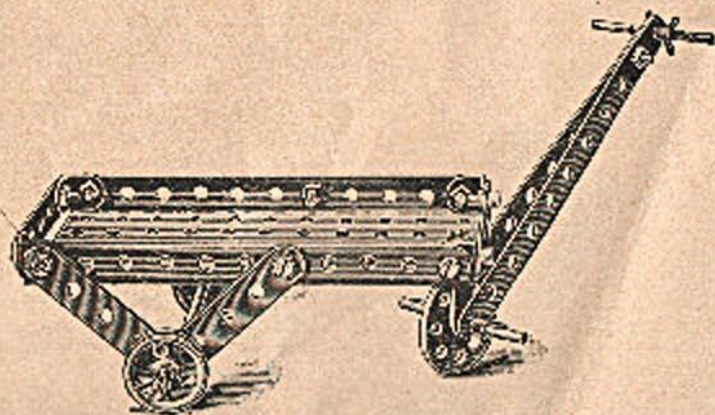
Fig.
3B.



Model No. 4 TRUCK

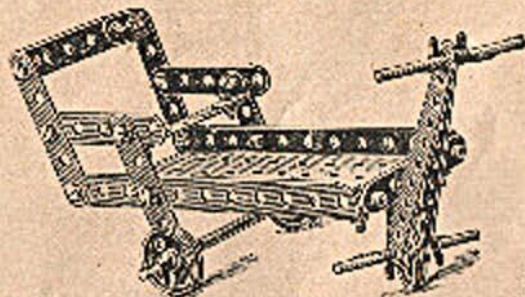
Fix the four upright $\frac{1}{4}$ " strips at each corner of the plate first; then attach the end and side strips to the uprights by means of angle brackets. Insert two axles through the third holes from each end of the plate; push on the wheels and secure them in position by the keys, with the tongue turned outward.

This is a very neat little model, and very simple to make.



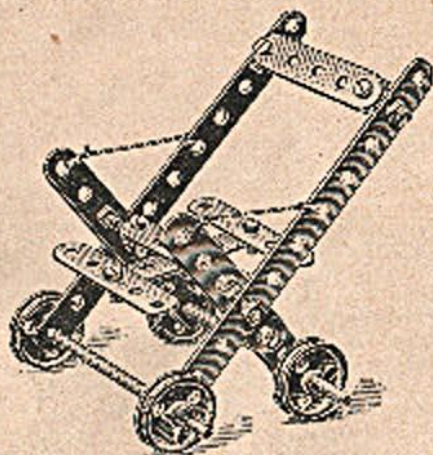
Model No. 5—LUGGAGE TRUCK

In connection with the construction of this Model, it will only be necessary to state that the front swivelling support is formed by connecting loosely a single bent strip in the centre end hole of the plate, by a bolt with two nuts on the upper side, locked, to prevent it from working out, and that the axle carrying the hind wheels is passed through the end holes of the $\frac{1}{4}$ " diagonal side strips which form the bearings.



Model No. 6—BATH CHAIR

After Model No. 5 has been accomplished, no difficulty will be experienced in the construction of this model.

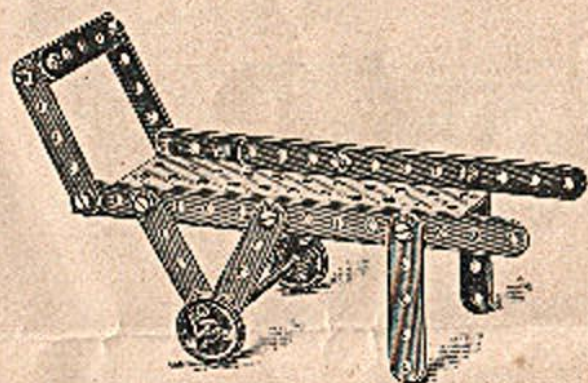


Model No. 7—GO CHAIR

Proceed to construct one side of this Model. First by taking two $2\frac{1}{2}$ " strips (1) and bolting them together overlapped in three holes; after which attach diagonally a $5\frac{1}{2}$ " strip (2) in the fourth hole from the bottom, and with the same bolt, an angle bracket from the inside, with the elongated hole outward to take the seat. The other side is constructed in a similar manner.

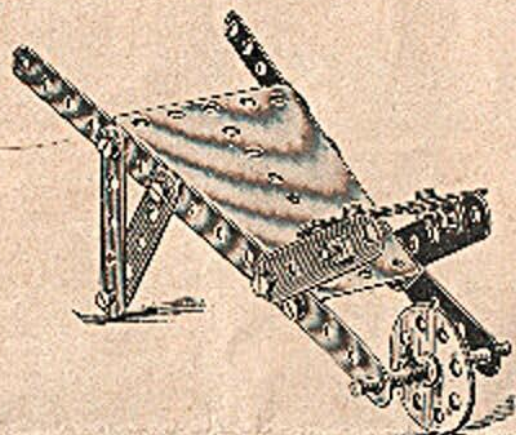
The seat is then formed by bolting together at right-angles two $2\frac{1}{2}$ " strips, and a further $2\frac{1}{2}$ " strip at each end of one of the strips. The sides are then brought together and connected by bolting the seat to the side brackets.

The back is formed by connecting a $2\frac{1}{2}$ " strip by means of angle brackets in the second hole from the top of the two $5\frac{1}{2}$ " side strips. Two axle rods are then passed through the bottom holes, and the wheels placed in position and secured by the special keys.



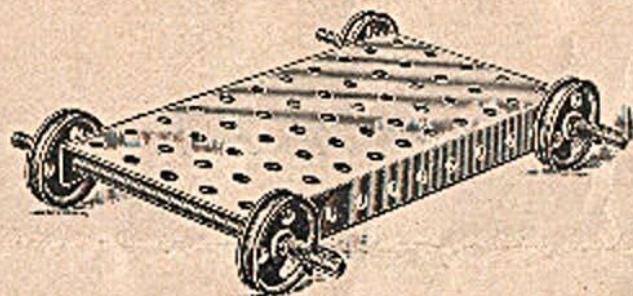
Model No. 8—LUGGAGE TRUCK

This is very similar to Model No. 5, and requires no explanation.



Model No. 9—LUGGAGE BARROW

The only point to be noted in this Model is that the floor plate of the Barrow is made from a sector plate, to the sides of which the arm strips are secured, made up from two $5\frac{1}{2}$ " strips bolted on the inside of the sector plate: the $2\frac{1}{2}$ " strips carrying the wheel axle being bolted on the outside of the sector plate.



Model No. 10—TRUCK

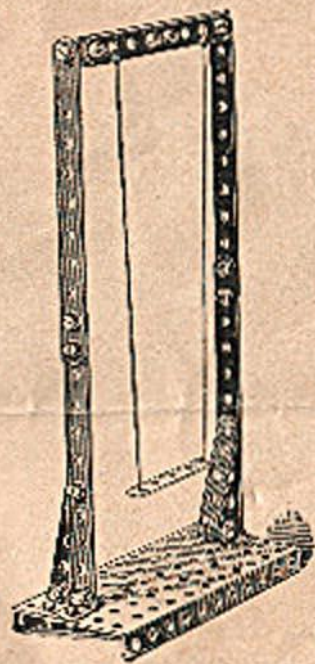


Model No. 11—WINDMILL.

This is a very attractive little working Model, the construction of which is quite clearly shown in our illustration.

The ingenious boy will be able to vary the construction of the Sails.

Pleasing effects may be obtained by making these of various colours of cardboard, or by threading the sail strip with coloured ribbon.

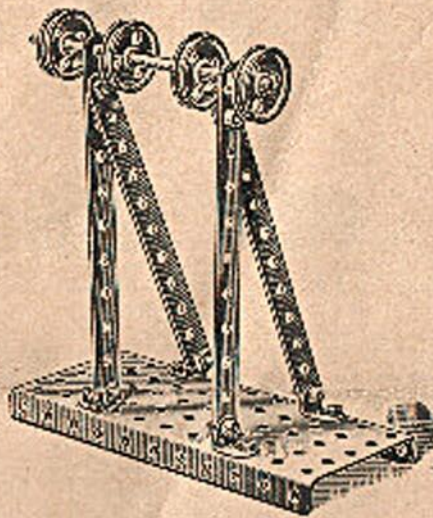


Model No. 12—SWING

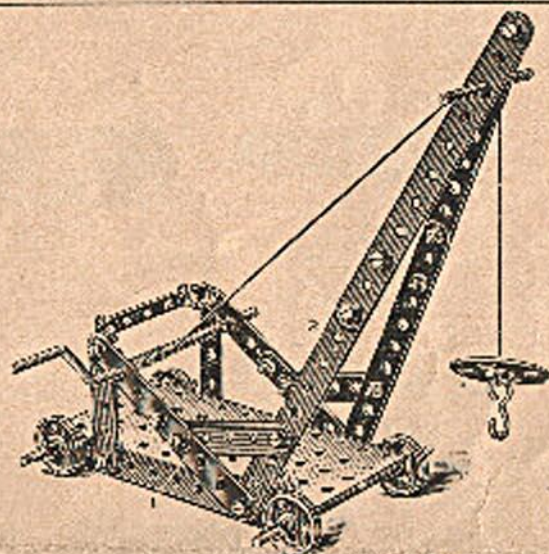


Model No. 13—
LUGGAGE TRUCK

This completes the Models made with MECCANO No. 1.
To make further Models a No. 2 Accessory Outfit should
now be purchased (see page 12.) This contains the full
Book of Instructions illustrating 65 Working Models which
may all be made with MECCANO.



Model No. 14—PULLEY
SHAFT



Model No. 15 JIB CRANE

Much instruction and pleasure may be derived from
the construction of this Model.

Two 2½" strips (1) bolted together, overlapped two
holes, sloping back to carry the winding spindle, and
two 5½" strips (2) overlapped three holes to form one
side of the jib, are attached by the same screw in the
third hole from the end on the flanged side of the
rectangular plate. These parts are then braced together
by a further 2½" strip connected, as shown in the
illustration, to give rigidity. At the upper end of the
sloping strip is connected an angle bracket and a 2½"
strip, the latter being bolted to the third hole in the
plate. The other side of the crane is constructed in
a similar manner, and both sides connected across the
back by a 2½" strip, and at the top of the jib by a bolt.
A short rod carrying the jib pulley is carried in the
third hole from the top, the string is passed over the
pulley and tied to the spindle.

Insert two axles through the end holes, and push on
the four wheels, securing them in position by the keys.

Separate Parts



No. 1.



No. 8.



No. 12.



No. 32.



No. 24.



No. 31.



No. 37.



No. 35.



No. 13.



No. 19.



No. 20.



No. 24.



No. 25.



No. 27.



No. 59.



No. 33.



No. 34.



No. 26.



No. 21.



No. 38.



No. 45.



No. 52.



No. 43.



No. 53.



No. 51.



No. 41.



No. 28.

Price List of Additional Parts

			Cents.				Cents.
1.—Perforated Strips, 12 $\frac{1}{2}$ " long	..	per bdl. (1 doz.)	30	29.—Cone Wheel, $\frac{1}{2}$ " diameter	..	each	25
2.—" " " 3 $\frac{1}{2}$ " "	..	" " "	18	30.—Worm Wheel	..	"	25
3.—" " " 3 $\frac{1}{2}$ " "	..	" " "	15	31.—Pawl .. .. .	..	"	5
4.—" " " 3" "	..	" " "	15	31.—Spacer .. .. .	..	"	10
5.—" " " 2 $\frac{1}{2}$ " "	..	" " "	10	31.—Keys .. .. .	..	per box (dozen)	25
6.—" " " 2" "	..	" " "	10	36.—Screw Driver	..	each	10
8.—Angle Girders, 12 $\frac{1}{2}$ " long	..	" " "	45	37.—Nuts and Bolts	..	per box (2 dozen)	30
9.—" " " 5 $\frac{1}{2}$ " "	..	" " "	30	39.—Card Cord (Special)	..	each	3
12.—Angle Brackets	..	(dozen)	15	40.—Hank cord .. .. .	..	"	3
13.—Axle Rod, 11 $\frac{1}{2}$ " long	..	each	5	41.—Propeller Blades	..	per pair	15
14.—" " 6" "	..	"	3	42.—Chisel .. .. .	..	12 in. lengths, each	50
15.—" " 5" or 4 $\frac{1}{2}$ " long	..	"	3	43.—Spring	..	each	5
16.—" " 3 $\frac{1}{2}$ " long	..	"	3	44.—Single Beut Strip	..	"	3
17.—" " 2" "	..	"	2	45.—Double .. .. .	..	"	5
16.—Crank Handle	..	"	5	46.—Large .. .. .	..	"	5
20.—Flanged and Grooved Wheel	..	"	25	47.—Eye Piece .. .. .	..	"	5
21.—Folley Wheel, 1 $\frac{1}{2}$ " diameter	..	"	15	52.—Perforated Rectangular Plate Large	..	"	20
22.—" " " 1" "	..	"	10	53.—" " " Small	..	"	15
23.—" " " $\frac{1}{2}$ " "	..	"	5	54.—Perforated Sector Plate, Small	..	"	15
24.—Eash Wheel .. .. .	..	"	15	55.—Rubber Bands	..	"	5
25.—Finion Wheel, $\frac{1}{2}$ " diameter	..	"	15	56.—Book of Instructions	..	"	15
26.—" " " $\frac{1}{2}$ " "	..	"	10	57.—Hook .. .. .	..	"	2
27.—Gear Wheel, 1 $\frac{1}{2}$ " "	..	"	25	58.—Wood Screws	..	per doz.	5
28.—Cone Wheel, 1 $\frac{1}{2}$ " diameter	..	"	20	59.—Collar and Set Screw	..	each	5

Price List.

									\$
No. 0.	Meccano Outfit	...	...	...	...	...	...	...	1.00
No. 1.	" "	...	...	...	...	...	...	...	2.00
No. 2.	" "	...	...	...	...	...	...	...	4.00
No. 3.	" "	...	...	...	...	...	...	...	6.00
No. 4.	" "	...	...	...	...	...	...	...	10.00
No. 5.	" Presentation Outfit	...	...	...	...	...	...	...	18.00
No. 6.	" "	"	"	"	Extra	"	"	"	36.00

Packed in well made walnut stained box with lock and key.

ACCESSORY OUTFITS

No. 0A	(containing sufficient parts to convert a No. 0 into a No. 1 Outfit)	...	...	...	...	...	...	...	1.00
No. 1A	" " " a No. 1 into a No. 2 Outfit)	...	...	...	...	...	...	...	2.00
No. 2A	" " " a No. 2 into a No. 3 Outfit)	...	...	...	...	...	...	...	2.00
No. 3A	" " " a No. 3 into a No. 4 Outfit)	...	...	...	...	...	...	...	4.00
No. 4A	" " " a No. 4 into a No. 5 Outfit)	...	...	...	...	...	...	...	8.00
No. 5A	" " " a No. 5 into a No. 6 Outfit)	...	...	...	...	...	...	...	18.00

Packed in well made walnut stained box with lock and key.

Packed in well made walnut stained box with lock and key.