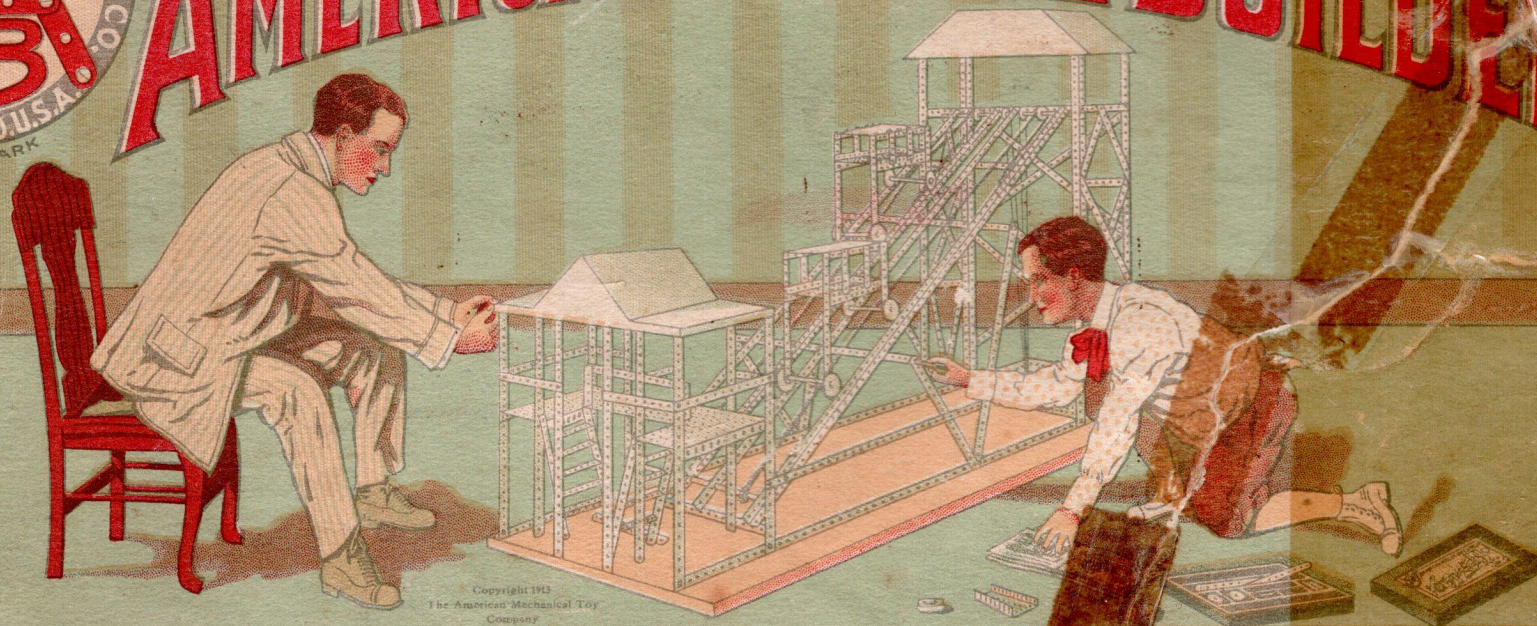




The AMERICAN MODEL BUILDER



Copyright 1913
The American Mechanical Toy
Company

INSTRUCTION BOOK FOR OUTFIT No. 1

Contains full description of all

Models that can be built with

Outfit No. 1, of The American Model Builder

PATENTED IN CANADA
JULY 29, 1913

U. S. PATENT APPLIED FOR

Manufactured by The American Mechanical Toy Co., Dayton, Ohio, U. S. A.

MADE IN U. S. A.



AMER



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WE
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FASC

THE A

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transformers and a Counter-
their Models by Electricity.
small devices ever offered the
found on page 20.

department at our factory where
ntly made. We want the name
merican Model Builder, as well
ot we can keep you advised from
that can be built with your set.
which is enclosed in your set and

ONTEST

Outfits lies in the building of original
s, we are offering for the best origi-
April 1st, 1916, for the building of new

as follows:

..... value \$100.00		\$100.00
..... 25.00 each		50.00
..... 15.00 "		45.00
..... 7.50 "		30.00
..... 5.00 "		50.00
..... 3.00 "		60.00
..... 2.00 "		100.00
..... 1.00 "		65.00
		\$500.00

will be charged.

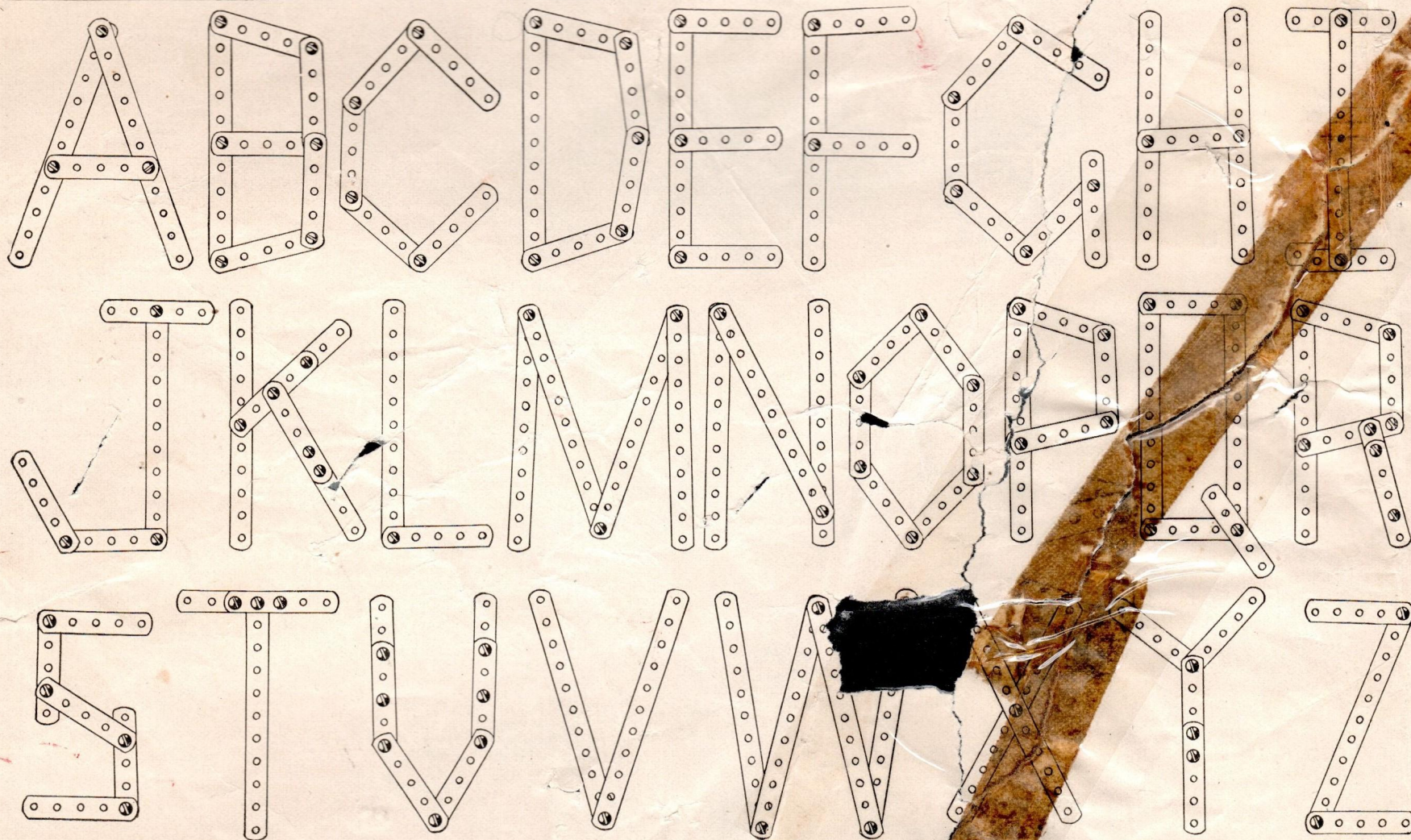
prizes it is not necessary for the contestant
MODEL BUILDER OUTFIT,—simply send us
or model made up of steel, cardboard, wood,
and all will receive equal consideration. These
mitted to three members of the Board of Direc-
Dayton, Ohio, and the awards made by them be-
1916.

governed in awarding the prizes by the mechanical
olved in the design, as well as their practicability.

photos or suggestions BE SURE to give
Postoffice address.

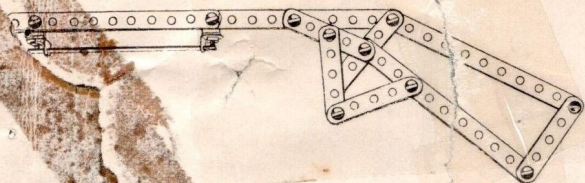
The American Model Builder to feel free
when difficulties arise in the building of
give our suggestions and help.

COMPANY



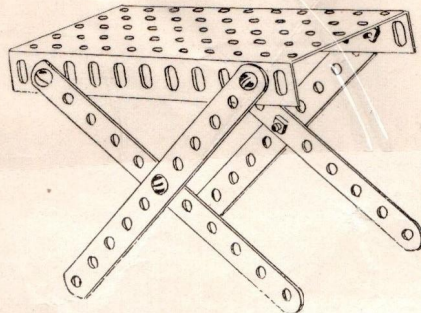
PISTOL

Fig. No. 27



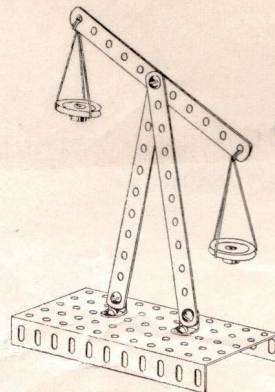
TABLE

Fig. No. 28



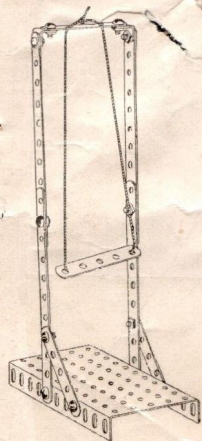
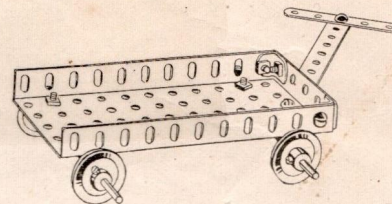
SCALES

Fig. No. 29



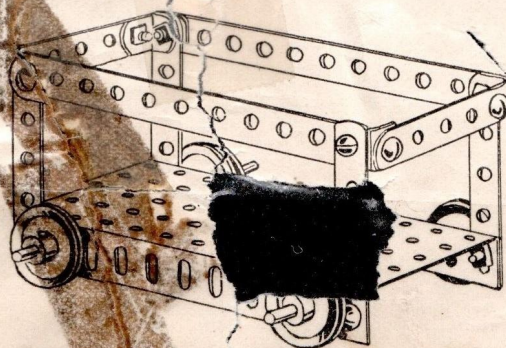
FLAT TRUCK

Fig. No. 30



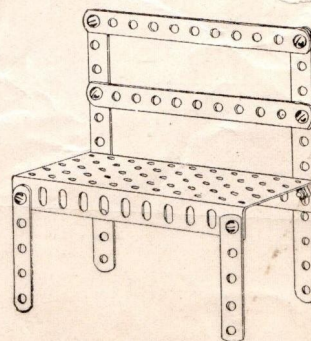
SWING

Fig. No. 31



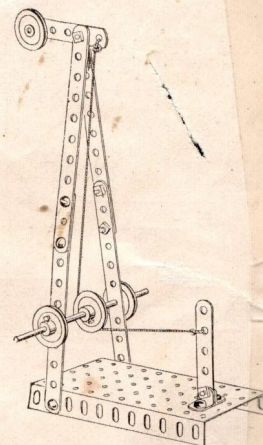
BOX TRUCK

Fig. No. 32



SETTEE

Fig. No. 33



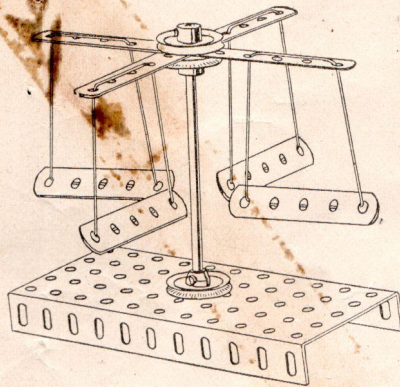
RAILWAY SIGNAL

Fig. No. 34

All Models shown on this page can be made with The American Model Builder Outfit No. 1.
 HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

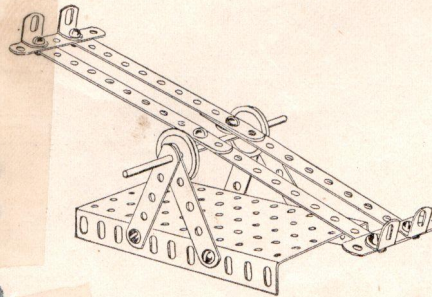
CIRCULAR SWING

Fig. No. 35



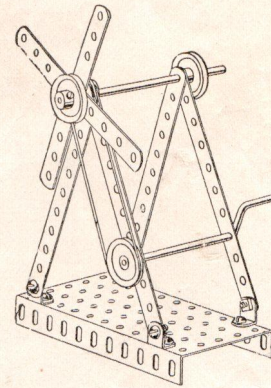
TEETER

Fig. No. 36



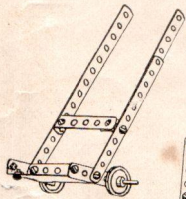
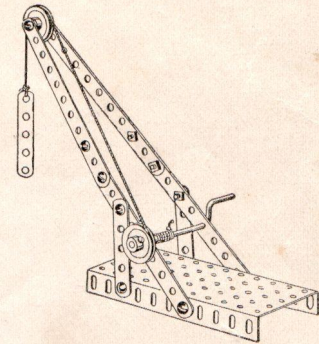
WIND MILL

Fig. No. 37



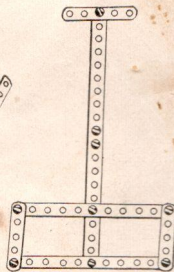
HOISTING DERRICK

Fig. No. 38



TRUCK

Fig. No. 39



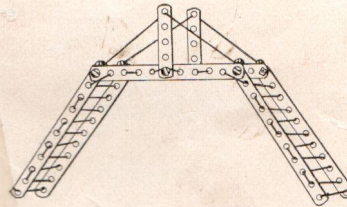
SHOVEL

Fig. No. 40



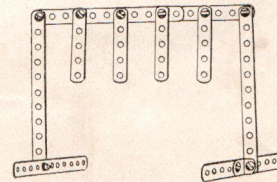
FACTORY TRUCK

Fig. No. 41



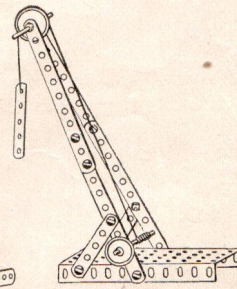
FOOT BRIDGE

Fig. No. 42



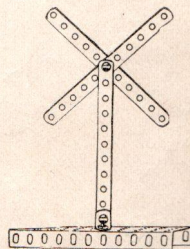
SAFETY SIGNAL

Fig. No. 43



CRANE

Fig. No. 44



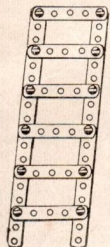
CROSSING SIGNAL

Fig. No. 45

All Models shown on this page can be made with The American Model Builder Outfit No. 1.
 HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

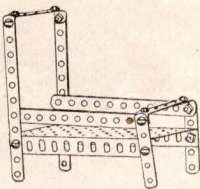
LADDER

Fig. No. 46



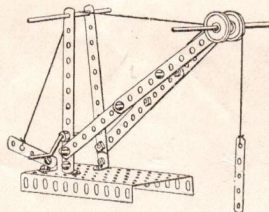
BED

Fig. No. 47



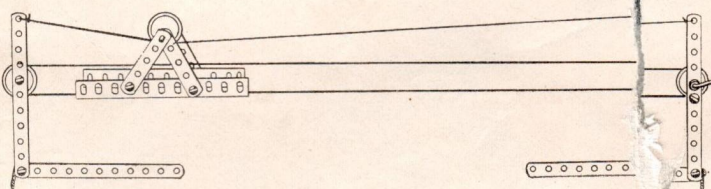
DERRICK

Fig. No. 48



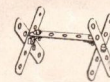
TRANSPORTER

Fig. No. 49



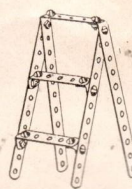
SAW
BUCK

Fig. No. 50



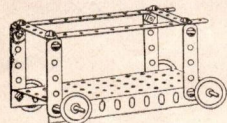
STEP
LADDER

Fig. No. 51



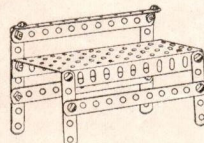
REEL

Fig. No. 52



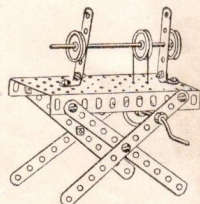
HAND
TRUCK

Fig. No. 53



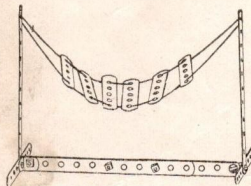
SETTEE

Fig. No. 54



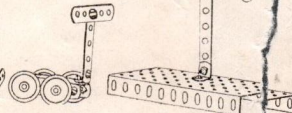
LATHE

Fig. No. 55



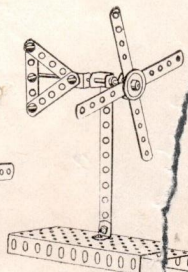
HAMMOCK

Fig. No. 56



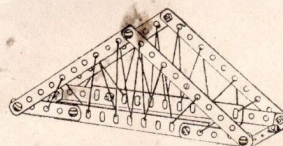
COASTER

Fig. No. 57



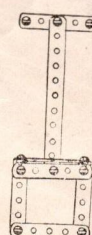
WEATHER
VANE

Fig. No. 58



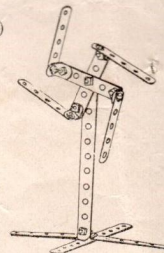
BRIDGE

Fig. No. 59



SCRAPER

Fig. No. 60



SWASTIKA

Fig. No. 61

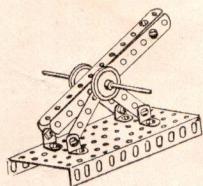
All Models shown on this page can be made with The American Model Builder Outfit No. 1.
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THE TOY FOR THE BOY

Page 7

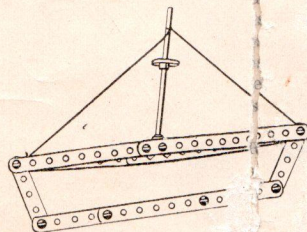
CANNON

Fig. No. 62



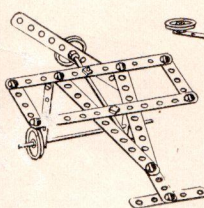
BOAT

Fig. No. 63



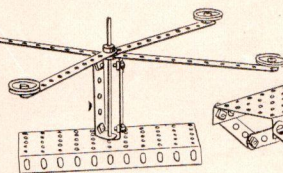
AEROPLANE

Fig. No. 64



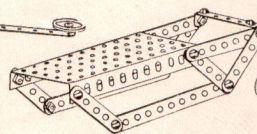
FLY-AROUND

Fig. No. 65



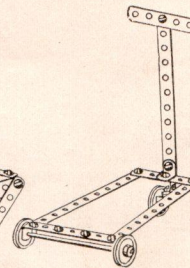
SLED

Fig. No. 66



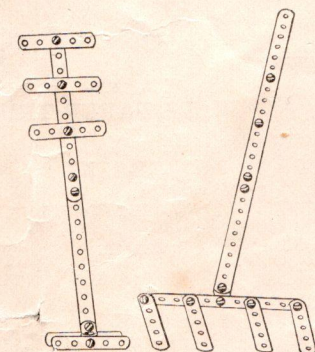
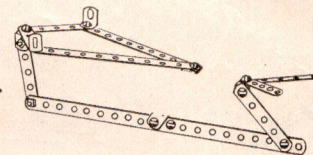
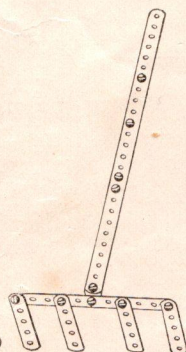
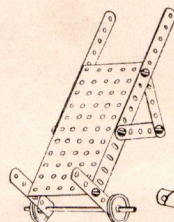
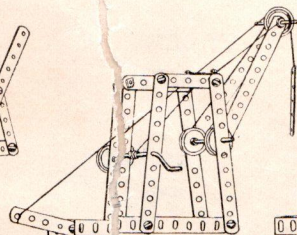
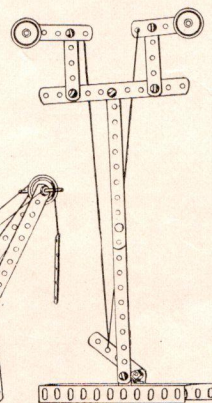
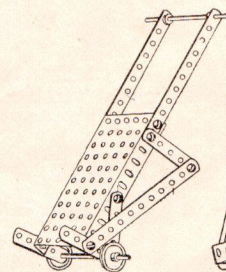
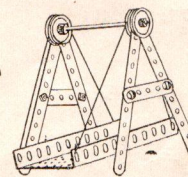
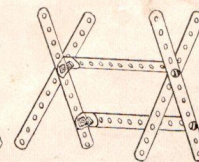
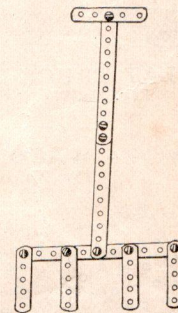
RACER

Fig. No. 67



SKATE

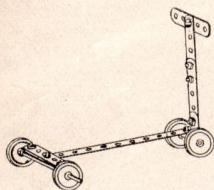
Fig. No. 68

TELEGRAPH
POLE
Fig. No. 69RAKE
Fig. No. 70R. R.
TRUCK
Fig. No. 71WELL
DRILL
Fig. No. 72R. R. SIGNAL
Fig. No. 73BAGGAGE
TRUCK
Fig. No. 74SUSPENDED
BRIDGE
Fig. No. 75TRESTLE
Fig. No. 76PITCHFORK
Fig. No. 77

All Models shown on this page can be made with The American Model Builder Outfit No. 1.
HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

PUSH MOBILE

Fig. No. 78



GRINDER

Fig. No. 79

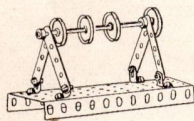
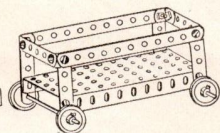
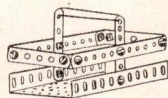
BREAD
TRUCK

Fig. No. 80



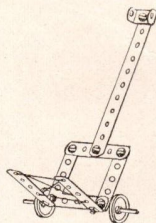
TRAY

Fig. No. 81



GO-CART

Fig. No. 82



WAGON

Fig. No. 83

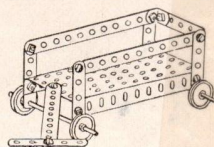
HAND
TRUCK

Fig. No. 84

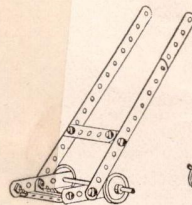
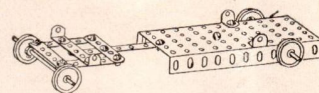
STEERING
BOB

Fig. No. 85



WHEELBARROW

Fig. No. 86

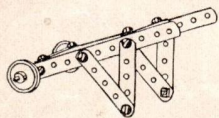


Fig. No. 88

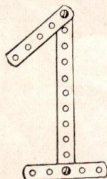


Fig. No. 89

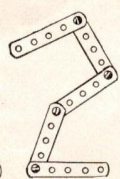


Fig. No. 90

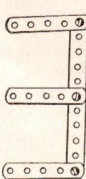


Fig. No. 91

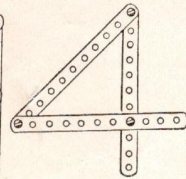


Fig. No. 92

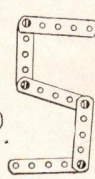


Fig. No. 93

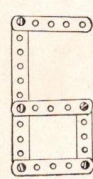


Fig. No. 94

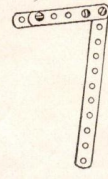


Fig. No. 95



Fig. No. 96

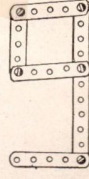
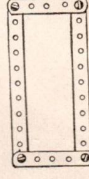
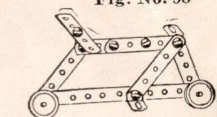


Fig. No. 97



BICYCLE

Fig. No. 98

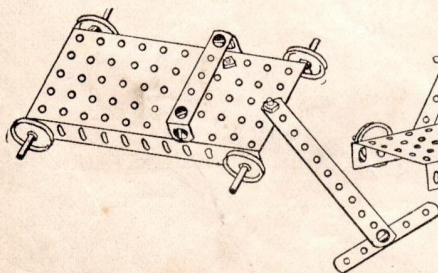


FLAT TRUCK

Fig. No. 87

FLAT BED
WAGON

Fig. No. 100



HAND CAR

Fig. No. 101

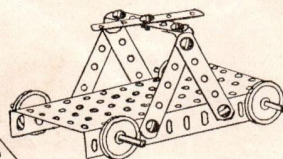
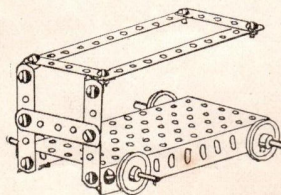
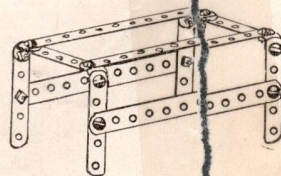
REPAIR
TRUCK

Fig. No. 102



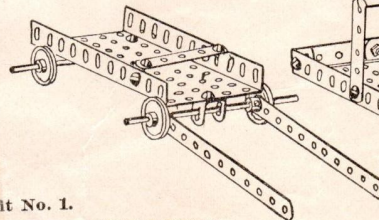
TABLE

Fig. No. 103



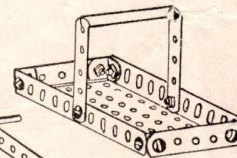
DOG-CART

Fig. No. 104



BASKET

Fig. No. 105



WALL PAPER TRUCK

Fig. No. 99

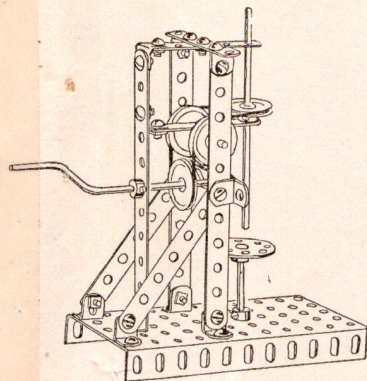
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THE TOY FOR THE BOY

Page 9

DRILL PRESS

Fig. No. 106

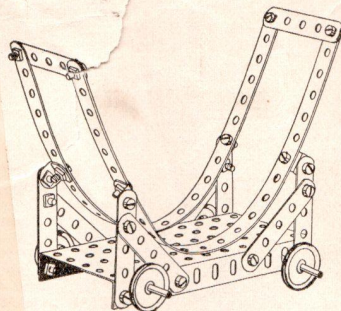


PARTS REQUIRED

- 1—Large Plate
- 3— $5\frac{1}{2}$ " Strips
- 2— $3\frac{1}{2}$ " Strips
- 4— $2\frac{1}{2}$ " Strips
- 1—Bush Wheel
- 4—1" Pulleys
- 1— $4\frac{1}{2}$ " Axle Rod
- 2—2" Axle Rods
- 1— $4\frac{1}{2}$ " Crank
- 11—Angle Brackets
- 4—Collars
- 23—Nuts and Screws

WALL PAPER TRUCK

Fig. No. 107

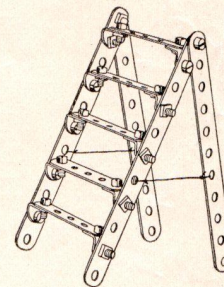


PARTS REQUIRED

- 1—Large Plate
- 2— $12\frac{1}{2}$ " Strips
- 10— $2\frac{1}{2}$ " Strips
- 2— $4\frac{1}{2}$ " Axle Rods
- 4—1" Pulleys
- 4—Angle Brackets
- 24—Nuts and Screws

MACHINISTS' LADDER

Fig. No. 108

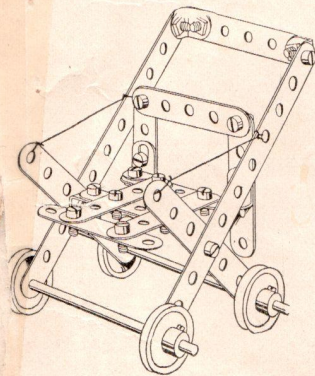


PARTS REQUIRED

- 4— $5\frac{1}{2}$ " Strips
- 5— $2\frac{1}{2}$ " Strips
- 10—Angle Brackets
- 22—Nuts and Screws

FOLDING CHAIR

Fig. No. 109

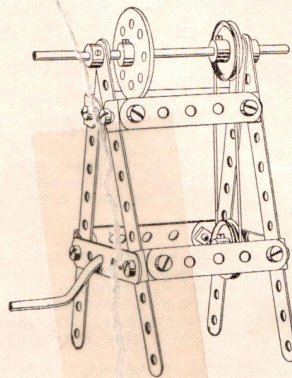


PARTS REQUIRED

- 2— $5\frac{1}{2}$ " Strips
- 2— $3\frac{1}{2}$ " Strips
- 9— $2\frac{1}{2}$ " Strips
- 6—Angle Brackets
- 2— $4\frac{1}{2}$ " Axle Rods
- 4—1" Pulleys
- 20—Nuts and Screws

GRIND STONE

Fig. No. 110



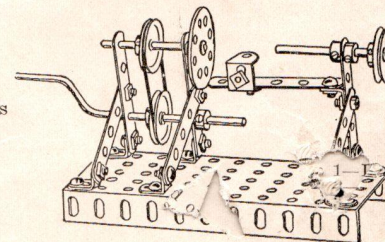
PARTS REQUIRED

- 4— $5\frac{1}{2}$ " Perforated Strips
- 6— $2\frac{1}{2}$ " Perforated Strips
- 8—Angle Brackets
- 1— $4\frac{1}{2}$ " Axle Rod
- 1— $5\frac{1}{2}$ " Crank
- 1—Bush Wheel
- 2—1" Pulley Wheels
- 3—Collars and Set Screws
- 16—Nuts and Screws

LATHE

Fig. No. 111

This is a simple type of Turning Lathe and will turn up soft material such as a candle or chalk. Any material to be turned should be fastened to the Bush Wheel by means of Angle Brackets and the 2" Axle Rod inserted in the opposite end. This little model can also be operated by motor by attaching another 1" Pulley Wheel to the $4\frac{1}{2}$ " Crank.



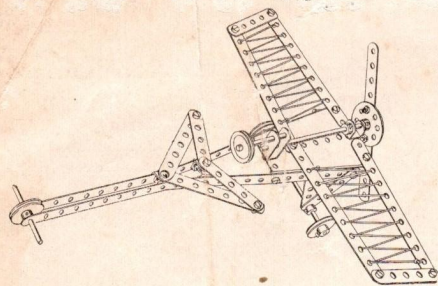
PARTS REQUIRED

- 1—Large Plate
- 7— $2\frac{1}{2}$ " Strips
- 1—Bush Wheel
- 3—1" Pulleys
- 2—2" Axle Rods
- 1— $4\frac{1}{2}$ " Crank
- 4—Collars
- 9—Angle Brackets
- 18—Nuts and Screws

All Models shown on this page can be made with The American Model Builder Outfit No. 1.
 HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

MONOPLANE

Fig. No. 112



PARTS REQUIRED

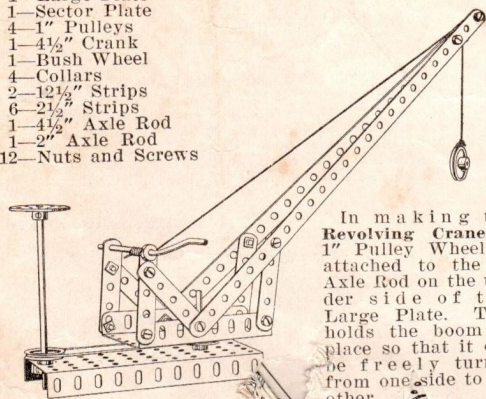
- 4—1" Pulleys
- 1—Bush Wheel
- 4—Collars
- 2—12 1/2" Strips
- 4—5 1/2" Strips
- 2—3 1/2" Strips
- 10—2 1/2" Strips
- 5—Angle Brackets
- 1—Single Bent Strip
- 1—Sector Plate
- 2—4 1/2" Axle Rods
- 2—2" Axle Rods
- 24—Nuts and Screws

REVOLVING CRANE

Fig. No. 115

PARTS REQUIRED

- 1—Large Plate
- 1—Sector Plate
- 4—1" Pulleys
- 1—4 1/2" Crank
- 1—Bush Wheel
- 4—Collars
- 2—12 1/2" Strips
- 6—2 1/2" Strips
- 1—4 1/2" Axle Rod
- 1—2" Axle Rod
- 12—Nuts and Screws

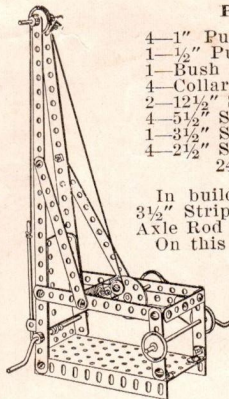


In making the Revolving Crane a 1" Pulley Wheel is attached to the 2" Axle Rod on the under side of the Large Plate. This holds the boom in place so that it can be freely turned from one side to the other.

A Collar is attached to the 2" Axle Rod on the top of the Sector Plate to hold the platform securely. Owing to the view of the picture it is impossible to show these two parts.

WELL DRILL

Fig. No. 113



PARTS REQUIRED

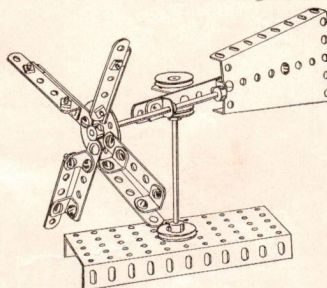
- 4—1" Pulleys
- 1—1 1/2" Pulley
- 1—Bush Wheel
- 4—Collars
- 2—12 1/2" Strips
- 4—5 1/2" Strips
- 1—3 1/2" Strip
- 4—2 1/2" Strips
- 8—Angle Brackets
- 1—Single Bent Strip
- 1—Large Plate
- 1—Sector Plate
- 1—4 1/2" Axle Rod
- 2—4 1/2" Crank
- 1—5 1/2" Crank
- 24—Nuts and Screws

In building the Well Drill, note that a 3 1/2" Strip is used as a bearing for the 2" Axle Rod which holds the Bush Wheel.

On this Bush Wheel is then attached the 1 1/2" Pulley over which the cord passes which operates the Drill. Both Cranks should be operated at the same time, the one in the rear giving the up and down movement to the Drill, while the one in the front extends the length of the rope as the Drill sinks.

WEATHER VANE

Fig. No. 116



PARTS REQUIRED

- 1—Large Plate
- 1—Sector Plate
- 1—5 1/2" Strip
- 8—2 1/2" Strips
- 2—4 1/2" Axle Rods
- 1—Bush Wheel
- 3—1" Pulleys
- 3—Collars
- 1—Single Bent Strip
- 10—Angle Brackets
- 24—Nuts and Screws

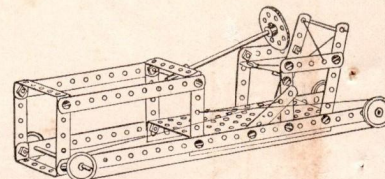
The Weather Vane is a clever little model and is so well balanced that if it is set in an open space where a free circulation of air can get to it, the wheel will revolve freely.

A Single Bent Strip should be fastened securely to the 5 1/2" Strip which is bolted to the Sector Plate. This Single Bent Strip forms the bearing on which the entire device turns.

The two Pulley Wheels at the top of the 4 1/2" Axle Rod are simply used as bearings to keep the upper part of the framework in place.

AUTO RACER

Fig. No. 114

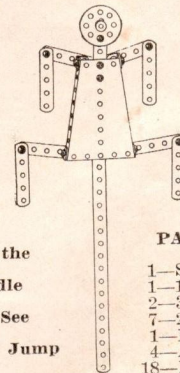


PARTS REQUIRED

- 4—1" Pulley Wheels
- 1—Bush Wheel
- 2—Collars
- 2—12 1/2" Strips
- 2—5 1/2" Strips
- 2—3 1/2" Strips
- 10—2 1/2" Strips
- 3—2 1/2" Angle Strips
- 6—Angle Brackets
- 1—Large Plate
- 2—4 1/2" Axle Rods
- 22—Nuts and Bolts

JUMPING JACK

Fig. No. 117



PARTS REQUIRED

- 1—Sector Plate
- 1—12 1/2" Strip
- 2—3 1/2" Strips
- 7—2 1/2" Strips
- 1—Bush Wheel
- 4—Angle Brackets
- 18—Nuts and Screws

Pull the

Handle

and See

Him Jump

All Models shown on this page can be made with The American Model Builder Outfit No. 1.

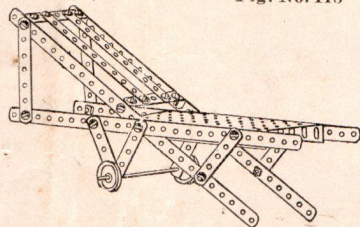
HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

THE TOY FOR THE BOY

Page 11

SLOPING BAGGAGE TRUCK

Fig. No. 118

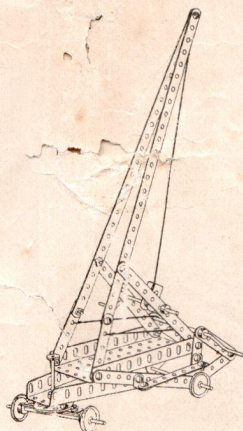


PARTS REQUIRED

- 2—1" Pulley Wheels
- 4—12½" Strips
- 6—5½" Strips
- 8—2½" Strips
- 4—Angle Brackets
- 1—4½" Axle Rod
- 2—3½" Strips
- 22—Nuts and Bolts

AERIAL WATER TOWER

Fig. No. 121



PARTS REQUIRED

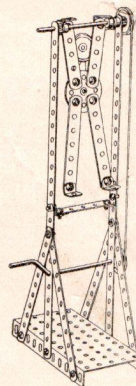
- 1—Large Plate
- 1—Sector Plate
- 2—12½" Strips
- 4—5½" Strips
- 2—3½" Strips
- 7—2½" Strips
- 1—Bush Wheel
- 4—1" Pulleys
- 1—½" Pulley
- 1—5½" Crank
- 1—4½" Crank
- 2—4½" Axle Rods
- 1—2" Axle Rod
- 6—Angle Brackets
- 1—Single Bent Strip
- 4—Collars
- 23—Nuts and Screws

The Aerial Water Tower is made so that it will collapse the same as the water tower that is used by the fire department.

By turning the lower crank the tower can be raised or lowered at will, while the upper crank will change the location of the tower after it is raised.

PERFORMING ACROBAT

Fig. No. 119



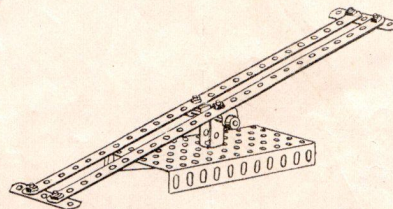
PARTS REQUIRED

- 1—Large Plate
- 2—12½" Strips
- 4—5½" Strips
- 2—3½" Strips
- 4—2½" Strips
- 1—4½" Crank
- 1—4½" Axle Rod
- 1—Bush Wheel
- 3—1" Pulleys
- 4—Collars
- 8—Angle Brackets
- 22—Nuts and Screws

Turn the Crank and See Him Do the Giant Swing.

TEETER

Fig. No. 122

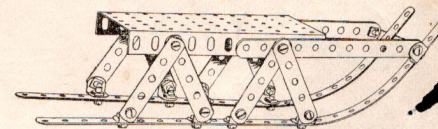


PARTS REQUIRED

- 1—Large Plate
- 2—12½" Strips
- 2—2½" Strips
- 1—Single Bent Strip
- 2—Angle Brackets
- 1—2" Axle Rod
- 2—Collars
- 7—Nuts and Screws

MOUNTAIN COASTER

Fig. No. 120

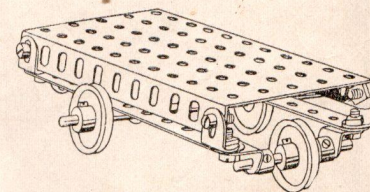


PARTS REQUIRED

- 1—Large Rectangular Plate
- 2—12½" Perforated Strips
- 2—5½" Perforated Strips
- 9—2½" Perforated Strips
- 10—Angle Brackets
- 24—Nuts and Screws

REVOLVING TRUCK

Fig. No. 123



PARTS REQUIRED

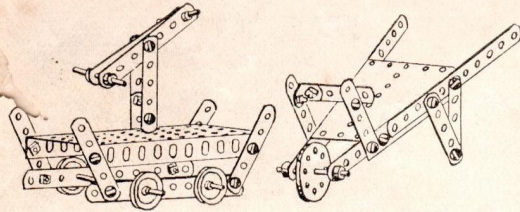
- 1—Large Plate
- 4—5½" Strips
- 4—1" Pulleys
- 8—Angle Brackets
- 1—4½" Axle Rod
- 1—2" Axle Rod
- 2—Collars
- 10—Nuts and Screws

All Models shown on this page can be made with The American Model Builder Outfit No. 1.

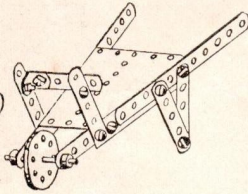
HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

THE AMERICAN MODEL BUILDER

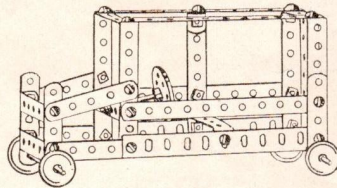
R. R. HAND CAR
Fig. No. 124



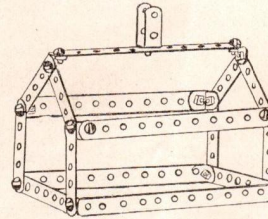
WHEELBARROW
Fig. No. 125



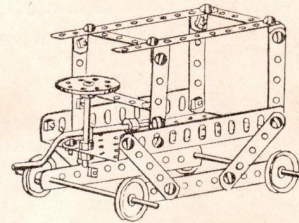
AUTO MAIL TRUCK
Fig. No. 126



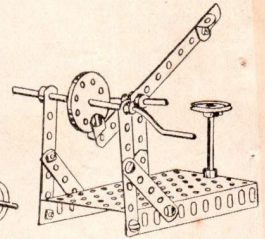
HOUSE
Fig. No. 127



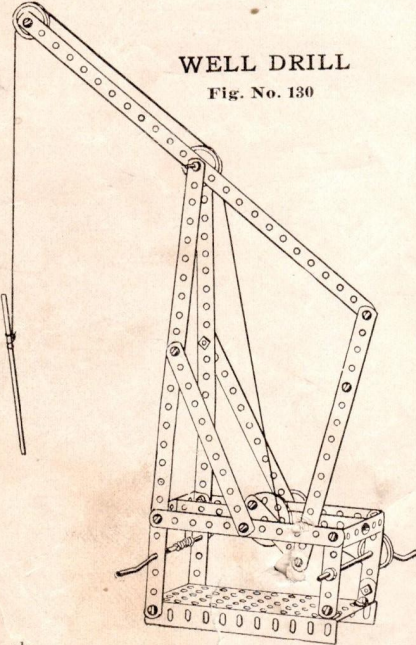
AUTO TRUCK
Fig. No. 128



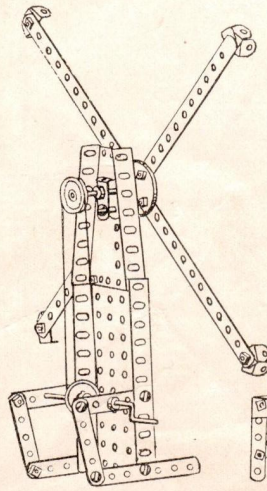
TRIP HAMMER
Fig. No. 129



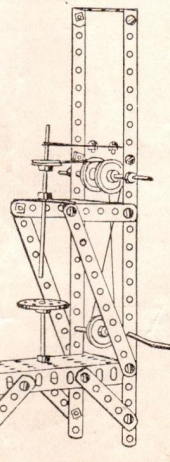
WELL DRILL
Fig. No. 130



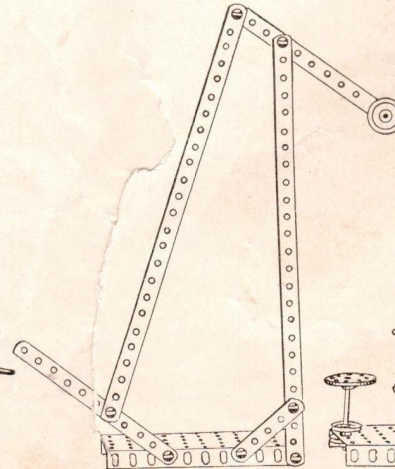
FERRIS WHEEL
Fig. No. 131



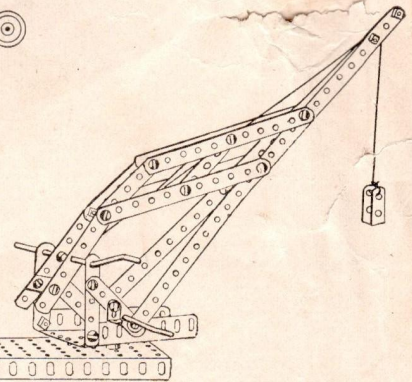
DRILL PRESS
Fig. No. 132



SEMAPHORE
Fig. No. 133



ELEVATING ROTARY CRANE
Fig. No. 134

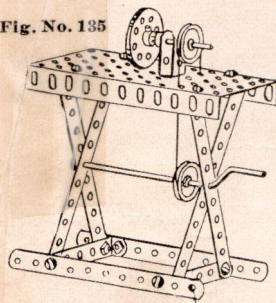


All Models shown on this page can be made with The American Model Builder Outfit No. 1.
HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

THE TOY FOR THE BOY

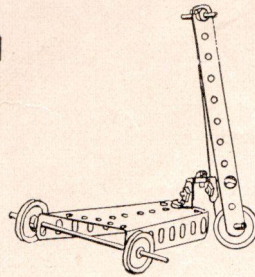
LATHE

Fig. No. 135



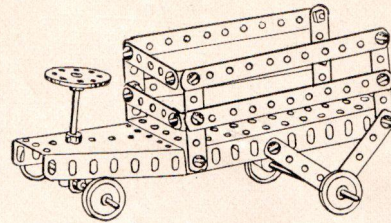
GO-CYCLE

Fig. No. 136



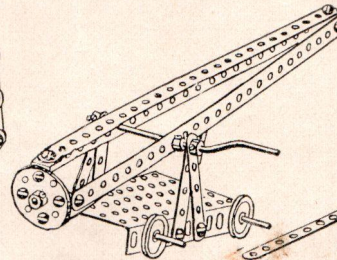
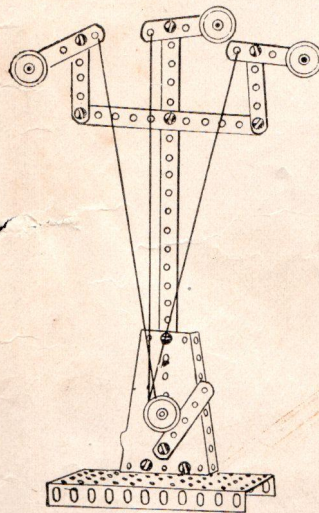
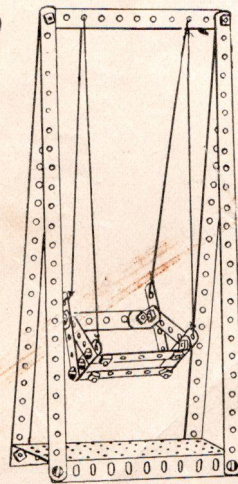
AUTO TRUCK

Fig. No. 137



SIEGE GUN

Fig. No. 138

SINGLE H
WAGO
Fig. No. 139TRIPLE
R. R. SIGNAL
Fig. No. 141

PORCH SWING

Fig. No. 142

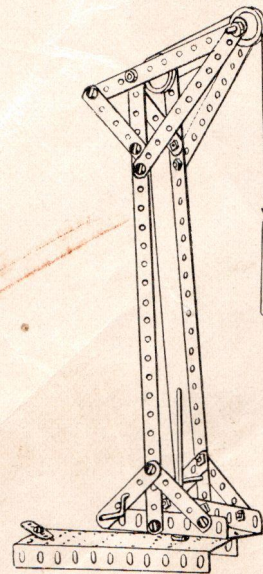
REVOLVING
HAY DERRICK

Fig. No. 143

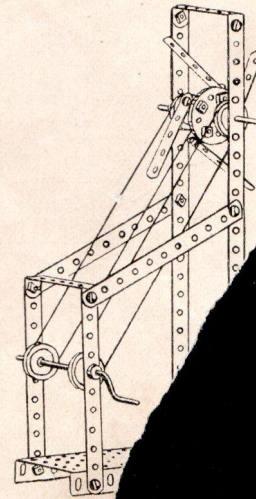
REVOLVING
PADDLE

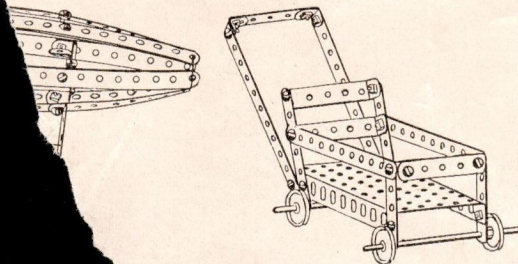
Fig. No. 144

All Models shown on this page can be made with The A
HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF

THE AMERICAN MODEL BUILDER

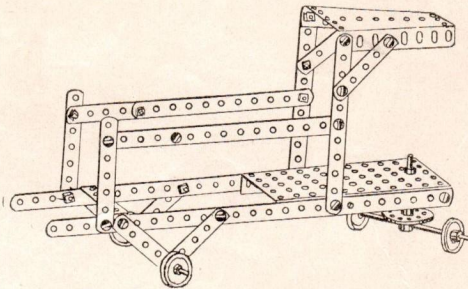
BABY CARRIAGE

Fig. No. 148



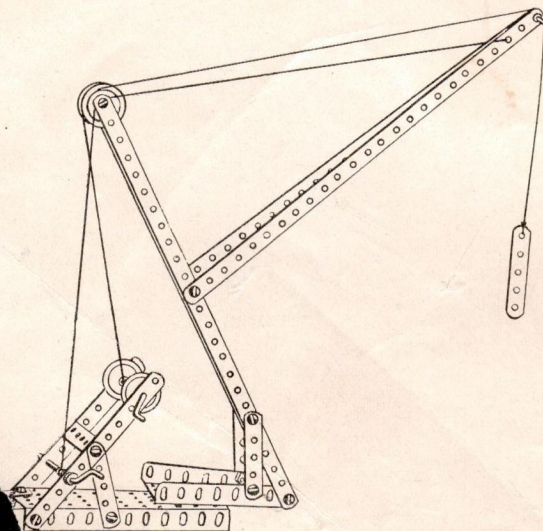
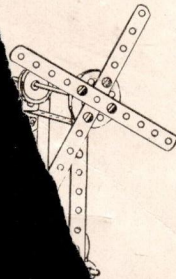
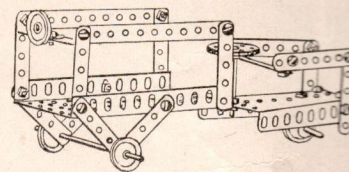
AUTO TRUCK

Fig. No. 149



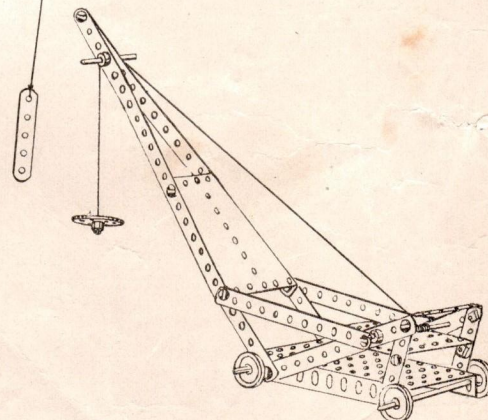
PARCEL DELIVERY TRUCK

Fig. No. 150



BOOM DERRICK

Fig. No. 153



PORTABLE JIB CRANE

Fig. No. 154

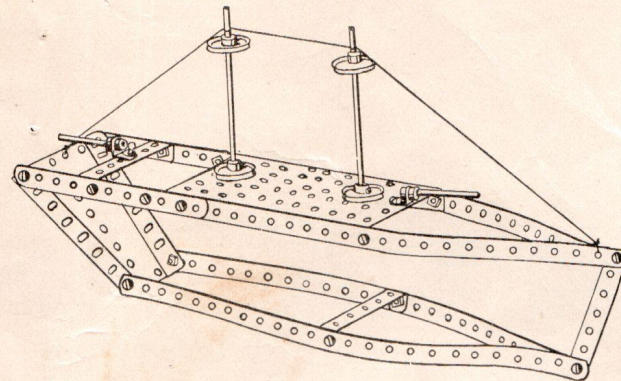
can be made with The American Model Builder Outfit No. 1.

—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

THE TOY FOR

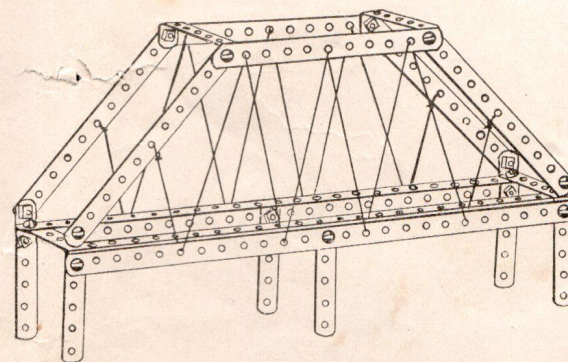
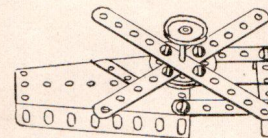
PROTECTED CRUISER

Fig. No. 153



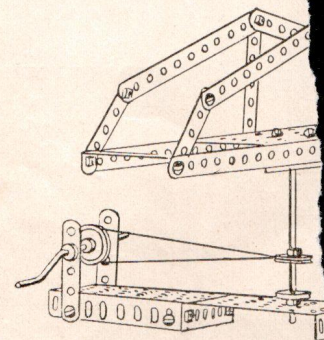
WHIRL

Fig. No.



BRIDGE

Fig. No. 158



SWINGING BRIDGE

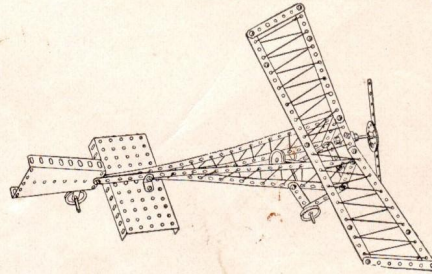
Fig. No. 159

All Models shown on this page can be made with The
 HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF

M O D E L B U I L D E R

MONOPLANE

Fig. No. 162



PARTS REQUIRED

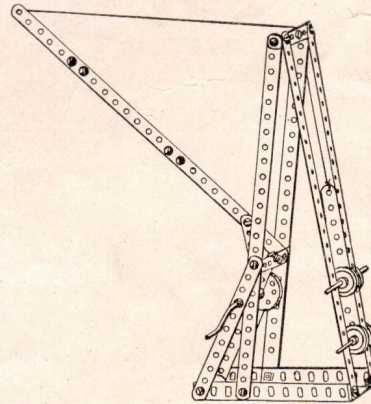
- 4—1" Pulley Wheels
- 1—Bush Wheel
- 4—Collars
- 4—12½" Strips
- 5—5½" Strips
- 2—3½" Strips
- 10—2½" Strips
- 2—2½" Angle Strips
- 4—Angle Brackets
- 1—Large Plate
- 1—Sector Plate
- 1—Single Bent Strip
- 2—4½" Axle Rods
- 2—2" Axle Rods
- 24—Nuts and Bolts

PILE DRIVER

Fig. No. 164

PARTS REQUIRED

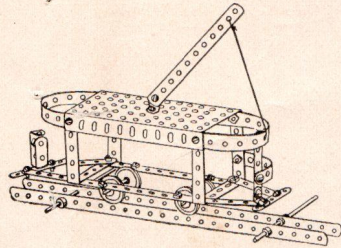
- 4—1" Pulley Wheels
- 1—Bush Wheel
- 1—½" Pulley Wheel
- 3—Collars
- 4—12½" Strips
- 6—5½" Strips
- 2—3½" Strips
- 10—2½" Strips
- 2—2½" Angle Strips
- 6—Angle Brackets
- 1—Large Plate
- 2—4½" Axle Rods
- 2—2" Axle Rods
- 1—5½" Crank
- 23—Nuts and Bolts



made with The American Model Euilder Outfit No. 1.
THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

TROLLEY CAR

Fig. No. 165



PARTS REQUIRED

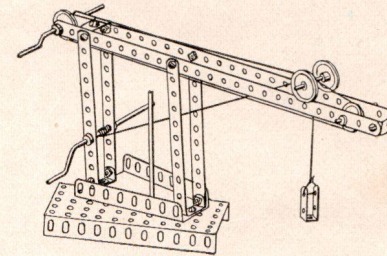
- 4—1" Pulley Wheels
- 1— $\frac{1}{2}$ " Pulley Wheel
- 5— $5\frac{1}{2}$ " Strips
- 1— $3\frac{1}{2}$ " Strip
- 9— $2\frac{1}{2}$ " Strips
- 4— $2\frac{1}{2}$ " Angle Strips
- 7—Angle Brackets
- 1—Single Bent Strip
- 1—Large Plate
- 2—2" Axle Rods
- 23—Nuts and Bolts

TRACK FOR CAR

- 6—Collars
- 2— $12\frac{1}{4}$ " Strips
- 2— $4\frac{1}{2}$ " Axle Rods

REVOLVING TRAVELING CRANE

Fig. No. 166

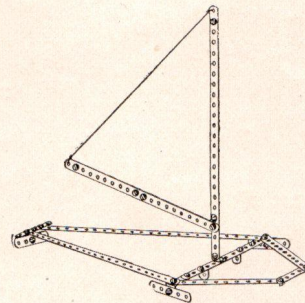


PARTS REQUIRED

- 4—1" Pulley Wheels
- 1— $\frac{1}{2}$ " Pulley Wheel
- 1—Bush Wheel
- 6—Collars
- 2— $12\frac{1}{4}$ " Strips
- 4— $5\frac{1}{2}$ " Strips
- 8—Angle Brackets
- 1—Single Bent Strip
- 1—Large Plate
- 1—Sector Plate
- 1— $4\frac{1}{2}$ " Axle Rod
- 2—2" Axle Rods
- 1— $4\frac{1}{2}$ " Crank
- 1— $5\frac{1}{2}$ " Crank
- 16—Nuts and Bolts

ICE BOAT

Fig. No. 168

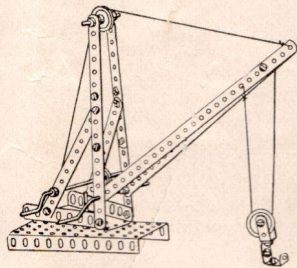


PARTS REQUIRED

- 3— $12\frac{1}{2}$ " Strips
- 5— $5\frac{1}{2}$ " Strips
- 5— $2\frac{1}{2}$ " Strips
- 2— $2\frac{1}{2}$ " Angle Strips
- 1—Angle Bracket
- 19—Nuts and Bolts

REVOLVING and ELEVATING BOOM DERRICK

Fig. No. 167

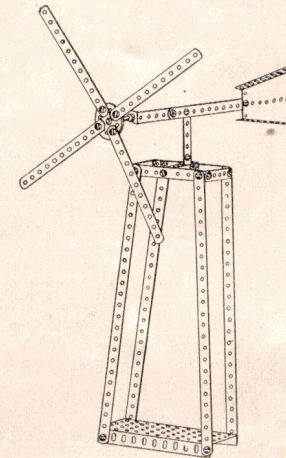


PARTS REQUIRED

- 4—1" Pulley Wheels
- 1— $\frac{1}{2}$ " Pulley Wheel
- 1—Bush Wheel
- 5—Collars
- 2— $12\frac{1}{4}$ " Strips
- 6— $5\frac{1}{2}$ " Strips
- 1—Single Bent Strip
- 3—Angle Brackets
- 1—Large Plate
- 1—Sector Plate
- 2—2" Axle Rods
- 1— $4\frac{1}{2}$ " Crank
- 1— $5\frac{1}{2}$ " Crank
- 18—Nuts and Bolts

WIND MILL

Fig. No. 169



PARTS REQUIRED

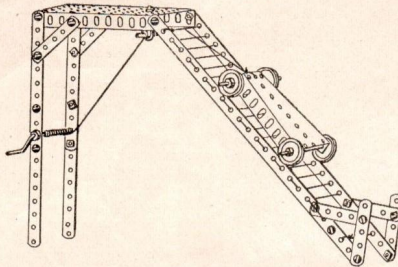
- 1—Bush Wheel
- 2—Collars
- 4— $12\frac{1}{4}$ " Strips
- 5— $5\frac{1}{2}$ " Strips
- 3— $2\frac{1}{2}$ " Strips
- 2— $3\frac{1}{2}$ " Angle Strips
- 2— $2\frac{1}{2}$ " Angle Strips
- 1—Angle Bracket
- 1—Large Plate
- 1—Sector Plate
- 1— $4\frac{1}{2}$ " Axle Rod
- 23—Nuts and Bolts

All Models shown on this page can be made with The American Model Builder Outfit No. 1.

HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.

INCLINED RAILWAY

Fig. No. 170

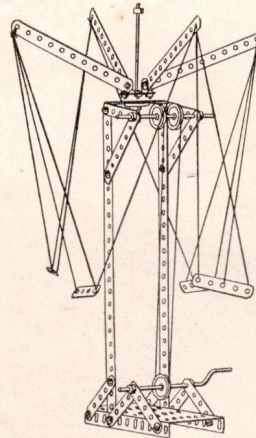


PARTS REQUIRED

- | | |
|-----------------------------|-------------------------------|
| 4—1" Pulley Wheels | 2—Angle Brackets |
| 1— $\frac{1}{2}$ " Pulley | 1—Large Plate |
| 4—Collars | 1—Sector Plate |
| 2— $12\frac{1}{2}$ " Strips | 2— $4\frac{1}{2}$ " Axle Rods |
| 4— $5\frac{1}{2}$ " Strips | 1—2" Axle Rod |
| 7— $2\frac{1}{2}$ " Strips | 1— $4\frac{1}{2}$ " Crank |
| 1—Single Bent Strip | 23—Nuts and Bolts |

CIRCLE SWING

Fig. No. 171

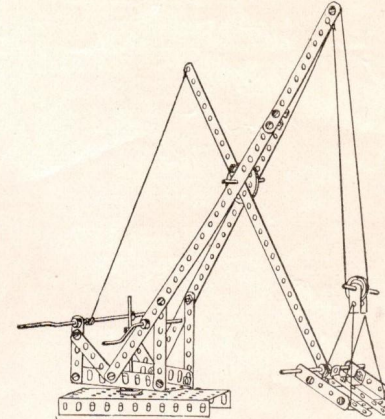


PARTS REQUIRED

- 4—1" Pulley Wheels
- 1—Bush Wheel
- 6—Collars
- 2— $12\frac{1}{2}$ " Strips
- 4— $5\frac{1}{2}$ " Strips
- 2— $3\frac{1}{2}$ " Strips
- 10— $2\frac{1}{2}$ " Strips
- 4— $2\frac{1}{2}$ " Angle Strips
- 4—Angle Brackets
- 1—Large Plate
- 2— $4\frac{1}{2}$ " Axle Rods
- 1— $5\frac{1}{2}$ " Crank
- 20—Nuts and Bolts

REVOLVING DREDGE

Fig. No. 172

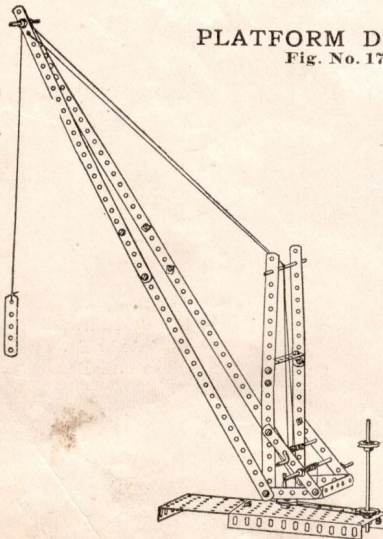


PARTS REQUIRED

- 4—1" Pulley Wheels
- 1—Bush Wheel
- 6—Collars
- 4— $12\frac{1}{2}$ " Strips
- 8— $2\frac{1}{2}$ " Strips
- 4— $2\frac{1}{2}$ " Angle Strips
- 2— $3\frac{1}{2}$ " Angle Strips
- 4—Angle Brackets
- 1—Large Plate
- 1—Small Plate
- 1— $4\frac{1}{2}$ " Axle Rod
- 2—2" Axle Rods
- 1— $4\frac{1}{2}$ " Crank
- 24—Nuts and Bolts

PLATFORM DERRICK

Fig. No. 173



PARTS REQUIRED

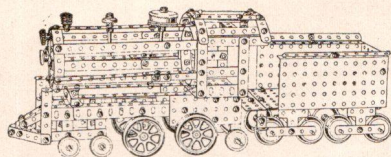
- 3—1" Pulley Wheels
- 1— $\frac{1}{2}$ " Pulley Wheel
- 1—Bush Wheel
- 6—Collars
- 4— $12\frac{1}{2}$ " Strips
- 2— $3\frac{1}{2}$ " Strips
- 3— $2\frac{1}{2}$ " Strips
- 2— $3\frac{1}{2}$ " Angle Strips
- 3—Angle Brackets
- 1—Large Plate
- 2—2" Axle Rods
- 1— $4\frac{1}{2}$ " Crank
- 1— $5\frac{1}{2}$ " Crank
- 15—Nuts and Bolts



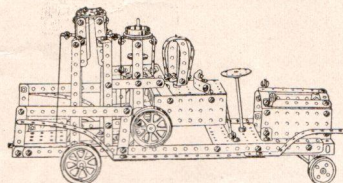
The Platform Derrick completes the models that may be made with The American Model Builder Outfit No. 1. By purchasing Accessory Outfit No. 1 $\frac{1}{2}$, 59 additional models can be made, some of which are shown on the following page.

For price of separate parts and Accessory Outfits, see pages 23 and 24.

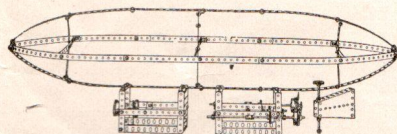
All Models shown on this page can be made with The American Model Builder Outfit No. 1.
 HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.



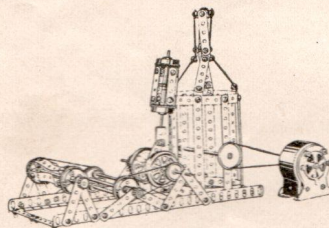
LOCOMOTIVE



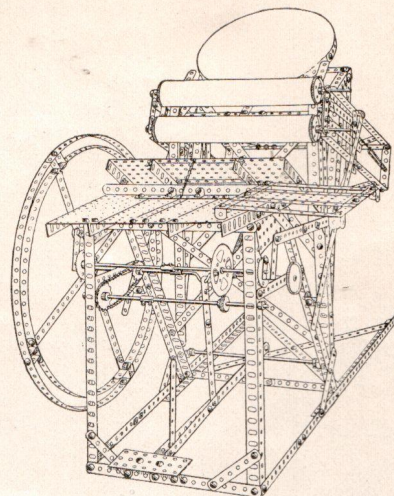
MOTOR FIRE ENGINE



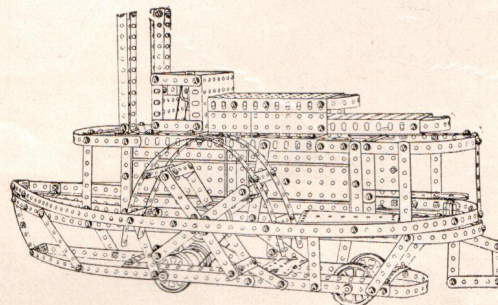
DIRIGIBLE



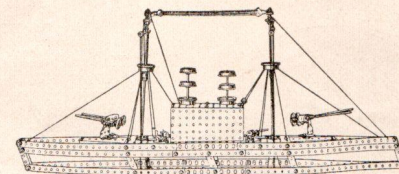
HOISTING ENGINE



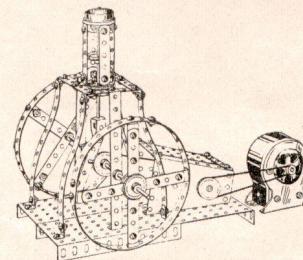
JOB PRINTING PRESS



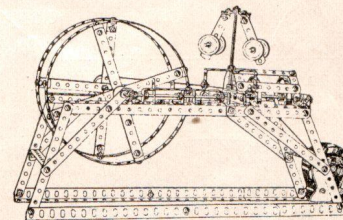
SIDE-WHEELER



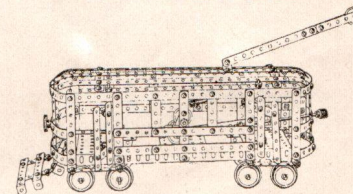
BATTLESHIP



AIR COMPRESSOR

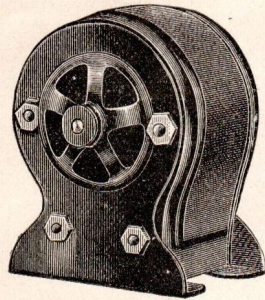


STEAM ENGINE



PAY-ENTER CAR

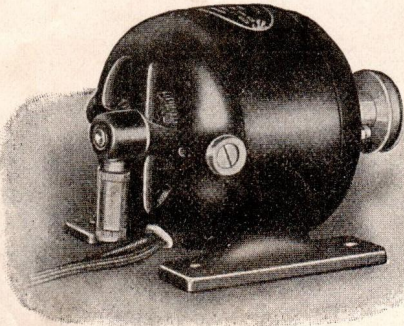
200 of these dandy models can be made with the larger outfits. You can get a Complete Manual of Instructions, which describes all of them, for 25c.



MOTOR Style No. 100

The No. 410 Transformer is designed especially for operating Electric Trains, Merry-Go-Rounds, Machine Shops, Etc. It is 50-Watts capacity and will not be injured by short circuits. By means of the Rheostat at the top of the Transformer, 4, 6, 10, 14 or 20 volts can be secured. IT IS DESIGNED FOR USE ONLY WITH ALTERNATING CURRENT—110 to 125 volts.

Price\$4.00
For free delivery anywhere in U. S. A., add .25

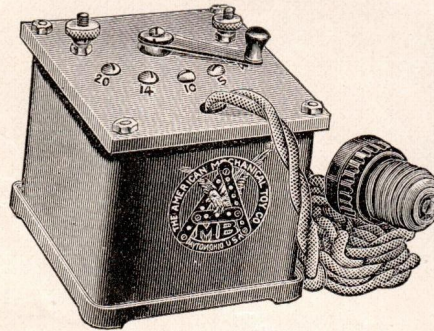


UNIVERSAL MOTOR, Style No. 325

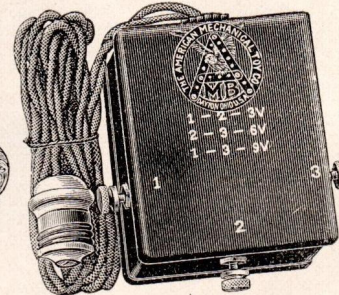
MOTOR Style No. 100

This Motor has been especially designed for operating the models built with the American Model Builder in connection with our Geared Countershaft No. 350. The Motor can be run from one or two dry cells or from city current through our No. 400 or No. 410 Transformer. It is made of steel, with bronze bearings throughout and is high grade in every respect. It stands $3\frac{1}{8}$ " high and has a three-pole armature $1\frac{3}{8}$ " in diameter. It will run smoothly and wear indefinitely with just an occasional oiling. The base is flanged and perforated so it can easily be mounted on a Rectangular Plate. This Motor is equal to any Motor on the market of double its price.

Price, complete\$1.00
For free delivery anywhere in U. S. A., add..... .10



No. 410 TRANSFORMER



No. 400 TRANSFORMER

Our No. 325 Universal Motor develops 1/100 H. P. and can be connected direct to either 110 Volts DIRECT or ALTERNATING current. Dry cells, Storage Batteries or Transformers are entirely unnecessary. It is strong, powerful, compact and efficient and embodies the very best materials and workmanship and is built with the same degree of accuracy as a 100 H. P. Motor. It stands $3\frac{3}{4}$ " high, $3\frac{3}{8}$ " in diameter, $\frac{1}{4}$ " shaft measurement, and weighs 5 pounds. It is complete, ready for attachment to any lamp socket. Lubrication is automatic. It is a fine Motor for the boy who has a workshop and wishes to run small pieces of machinery.

Price\$10.00
For free delivery anywhere in United States, add..... .25

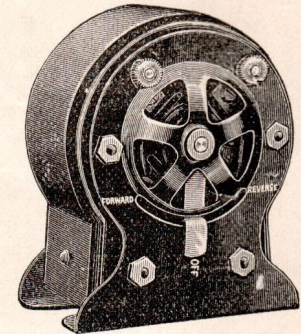
The No. 350 Countershaft will enable the owner of a small Motor to operate two or more models at the same time. It is especially designed for operating American Model Builder models. The power of the Motor is increased seventy times, which makes it possible to pull heavy loads without stalling the Motor. The Shaft has cast iron hangers, $\frac{1}{4}$ " Axle, which is supplied with three 1" Pulleys and one $1\frac{1}{2}$ " Pulley, all of which are adjustable on the Shaft. It is mounted on a black enameled steel base.

Price, complete\$.50
For free delivery anywhere in United States, add..... .10

MOTOR Style No. 150

Our No. 150 Motor is an exact duplicate of our No. 100 Motor, except that it is equipped with a switch, mounted on the inside of the Motor, which enables the operator to Start, Stop and Reverse the Motor without disconnecting the wires. The base is flanged and perforated so it can be mounted on a Rectangular Plate. This Motor is capable of operating any model made with The American Model Builder Outfits, when used in connection with our No. 350 Countershaft.

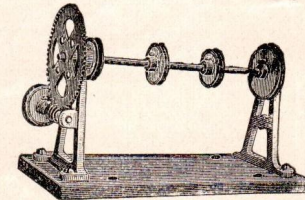
Price, complete\$1.50
For free delivery anywhere in U. S. A., add..... .10



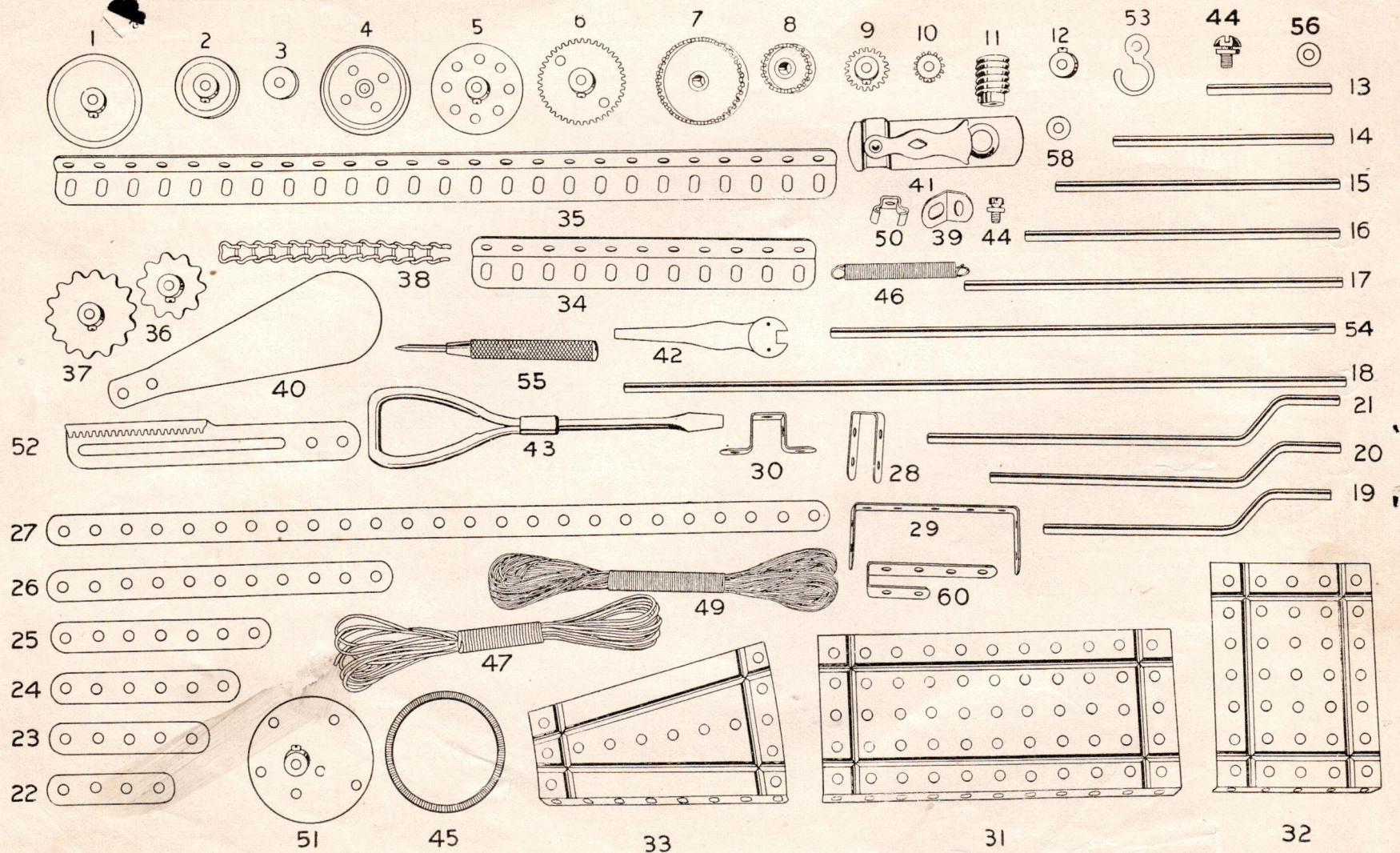
MOTOR Style No. 150

The No. 400 Transformer will entirely replace the use of storage batteries and dry cells and will operate any electrical toys not requiring over 9 volts. It is equipped with three binding posts and is $4\frac{1}{2}$ " long, $3\frac{3}{4}$ " wide and 3" high, and weighs 5 pounds. This Transformer is 50-Watts capacity and will carry a 50% overload. It is furnished with flexible cord and plug for attachment direct to a lamp socket. Will give either 3, 6, or 9 volts as desired. IT IS DESIGNED ONLY FOR USE WITH ALTERNATING CURRENT—110 to 125 volts.

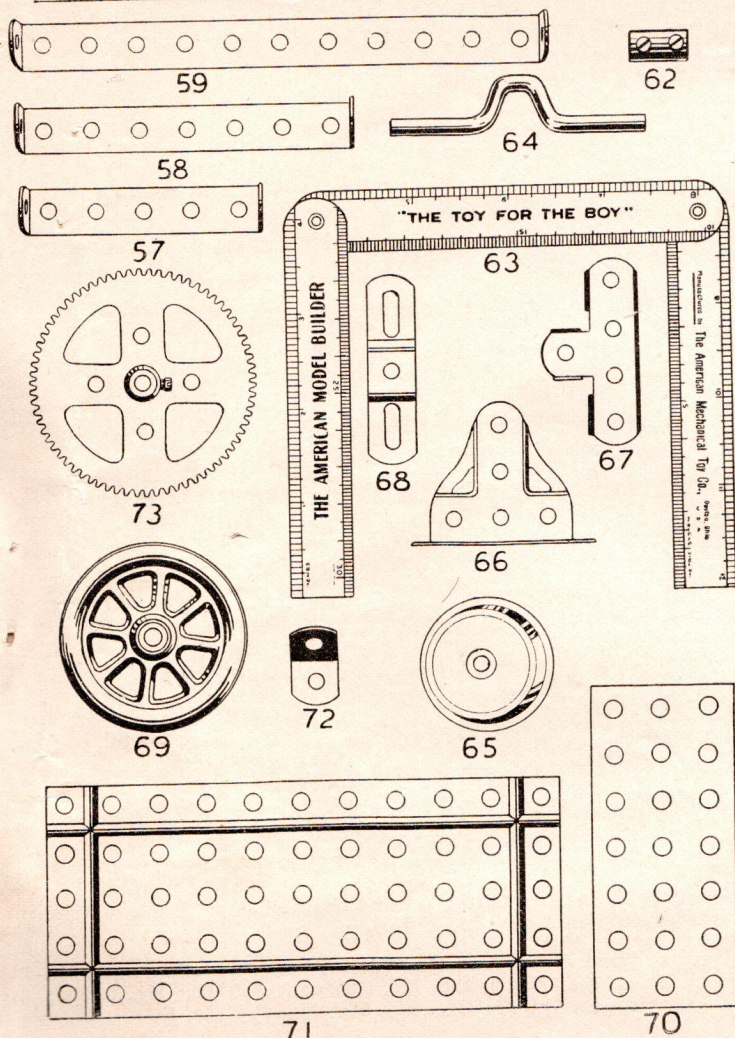
Price\$3.00
For free delivery anywhere in U. S. A., add .25

No. 350
WORM-DRIVEN COUNTERSHAFT

HALF THE FUN IS BUILDING THE MODELS—THE OTHER HALF IS OPERATING THEM WHEN COMPLETED.



PRICE LIST OF SEPARATE PARTS



The parts illustrated on this page are entirely new and are only included in the 1915 American Model Builder outfits.

No. 1.	1½"	Pulley Wheels.....	at	15c Each	No. 37.	1½" Sprocket.....	at	15c Each
No. 2.	1"	" " ".....	"	10c "	No. 38.	Chain, 4 ft. Length.....	"	10c "
No. 3.	½"	" " ".....	"	05c "	No. 39.	Angle Brackets.....	"	10c Doz.
No. 4.	1½"	Flanged Wheels.....	"	15c "	No. 40.	Propeller Blades.....	"	15c Pair
No. 5.	1½"	Bush Wheels.....	"	15c "	No. 41.	Ratchet Pawls.....	"	10c Each
No. 6.	1½"	Gear Wheels.....	"	15c "	No. 42.	Spanner and Screw Driver.....	"	05c "
No. 7.	1½"	Crown Gears.....	"	20c "	No. 43.	Large Screw Driver.....	"	10c "
No. 8.	¾"	" " ".....	"	15c "	No. 44.	Nuts and Bolts.....	"	10c Doz.
No. 9.	¾"	Pinions.....	"	15c "	No. 45.	Pulley Belts.....	"	05c Each
No. 10.	½"	" " ".....	"	10c "	No. 46.	1¼" Springs.....	"	05c "
No. 11.		Worm Wheels.....	"	15c "	No. 47.	Blue Cord, 15 ft.....	"	2½c "
No. 12.		Collars and Set Screws.....	"	05c "	No. 49.	Green Cord, 80 ft.....	"	05c "
No. 13.	2"	Axles, rounded ends.....	"	2½c "	No. 50.	Eye Pieces.....	"	2½c "
No. 14.	3½"	" " ".....	"	2½c "	No. 51.	Eccentric Wheels.....	"	15c "
No. 15.	4½"	" " ".....	"	05c "	No. 52.	Oscillating Rack.....	"	15c "
No. 16.	5"	Drilled.....	"	05c "	No. 53.	Hooks.....	"	2½c "
		Axles, rounded ends.....	"	05c "	No. 54.	8" Axle Rod, rounded ends.....	"	05c "
		Drilled.....	"	05c "	No. 55.	Knurled Screw Driver.....	"	10c "
No. 17.	6"	Axles, rounded ends.....	"	05c "	No. 56.	Washer.....	"	10c Doz.
No. 18.	11½"	" " ".....	"	05c "	No. 57.	2½" Angle Strips.....	"	15c ½ Doz.
No. 19.	4½"	Cranks, rounded ends.....	"	05c "	No. 58.	3½" " ".....	"	15c ½ "
		Drilled.....	"	05c "	No. 59.	5½" " ".....	"	20c ½ "
No. 20.	5½"	Cranks, rounded ends.....	"	05c "	No. 60.	Hanger Strip.....	"	05c Each
		Drilled.....	"	05c "	No. 61.	½" Wood Screws.....	"	05c Doz.
No. 21.	6½"	Cranks, rounded ends.....	"	05c "	No. 62.	Shaft Connector.....	"	10c Each
		Drilled.....	"	05c "	No. 63.	12" Rule.....	"	10c "
No. 22.	2"	Perforated Strips.....	"	10c ½ Doz.	No. 64.	Engine Crank.....	"	05c "
No. 23.	2½"	" " ".....	"	10c ½ "	No. 65.	Car Wheel.....	"	05c "
No. 24.	3"	" " ".....	"	10c ½ "	No. 66.	Truck Frames.....	"	2½c "
No. 25.	3½"	" " ".....	"	10c ½ "	No. 67.	"T" Strips.....	"	2½c "
No. 26.	5½"	" " ".....	"	15c ½ "	No. 68.	Bolster Plates.....	"	2½c "
No. 27.	12½"	" " ".....	"	25c ½ "	No. 69.	Auto Wheels.....	"	10c "
No. 28.		Single Bent Strips.....	"	05c Each	No. 70.	3½" Flat Plate.....	"	05c "
No. 29.		Large Bent Strips.....	"	05c "	No. 71.	5½" " ".....	"	05c "
No. 30.		Double Bent Strips.....	"	05c "	No. 72.	Obtuse Angle.....	"	10c Doz.
No. 31.		Large Rectangular Plates.....	"	10c "	No. 73.	2¼" Gear Wheel.....	"	20c Each
No. 32.		Small Rectangular Plates.....	"	10c "	No. 77.	Instruction Book No. 1.....	"	10c "
No. 33.		Sector Plates.....	"	10c "	No. 78.	Complete Manual of Instruction.....	"	25c "
No. 34.	5½"	Angle Girders.....	"	20c ½ Doz.	No. 79.	Set Screws.....	"	10c Doz.
No. 35.	12½"	" " ".....	"	25c ½ "				
No. 36.	1"	Sprocket.....	"	15c Each				

Any of these parts can be secured from dealers handling AMERICAN MODEL BUILDER Outfits at the above prices.

When orders for separate parts amount to \$3.00 or more, we will prepay transportation charges anywhere in the United States.

Price List Of Outfits

REGULAR OUTFITS

No. 0	American Model Builder Outfit	-----	will build 105 Models	-----	\$.50
No. 1	American Model Builder Outfit	-----	" " 173	-----	1.00
No. 2	American Model Builder Outfit	-----	" " 231	-----	2.00
No. 3	American Model Builder Outfit	-----	" " 269	-----	3.00
No. 4	American Model Builder Outfit including No. 100 Motor	-----	" " 309	-----	5.00
No. 5	American Model Builder Outfit " " 150	-----	" " 334	-----	7.50
No. 6	American Model Builder Outfit " " 150	-----	" " 349	(Packed in Heavy Cardboard Box)	12.50
No. 6	American Model Builder Presentation Outfit	-----	" " 349	(Packed in a Quartered Oak Box, Mission Finish)	15.00
No. 7	American Model Builder Presentation Outfit	-----	" " 365	(Packed in a Mahogany Box)	25.00

ACCESSORY OUTFITS

No. 0½	American Model Builder Accessory Outfit	(Containing Sufficient Parts to Convert a No. 0 Outfit into a No. 1 Outfit)	-----	.50
No. 1½	American Model Builder Accessory Outfit	(Containing Sufficient Parts to Convert a No. 1 Outfit into a No. 2 Outfit)	-----	1.00
No. 2½	American Model Builder Accessory Outfit	(Containing Sufficient Parts to Convert a No. 2 Outfit into a No. 3 Outfit)	-----	1.00
No. 3½	American Model Builder Accessory Outfit	(Containing Sufficient Parts to Convert a No. 3 Outfit into a No. 4 Outfit) (No. 100 Motor included in this Outfit)	-----	2.00
No. 4½	American Model Builder Accessory Outfit	(Containing Sufficient Parts to Convert a No. 4 Outfit into a No. 5 Outfit)	-----	2.50
No. 5½	American Model Builder Accessory Outfit	(Containing Sufficient Parts to Convert a No. 5 Outfit into a No. 6 Outfit)	-----	5.00
No. 6½	American Model Builder Accessory Outfit	(Containing Sufficient Parts to Convert a No. 6 Outfit into a No. 7 Outfit)	-----	10.00

NOTE.—Any Regular Outfit can be converted into the next larger Outfit by the addition of the Accessory Outfit bearing the half size. For example, a No. 1½ Accessory Outfit added to a No. 1 will convert a No. 1 into a No. 2; a No. 2½ will convert a No. 2 into a No. 3, and so on.

Any of the above Outfits can be secured from your dealer at prices shown. Where Outfits are ordered direct from the factory, the following amounts must be added to cover packing, insurance and free delivery: REGULAR OUTFITS—No. 0, 10c; No. 1, 15c; No. 2, 25c; No. 3, 35c; No. 4, 35c; No. 5, 50c; No. 6, 75c; No. 7, \$1.00. ACCESSORY OUTFITS—No. 0½, 10c; No. 1½, 15c; No. 2½, 25c; No. 3½, 25c; No. 4½, 25c; No. 5½, 35c; No. 6½, 75c.

If your remittance does not include the amounts specified for free delivery, shipment will be made Express Collect.

