

THE
"MASTER BUILDER"
TRADE MARK REGISTERED U.S. PAT. OFF.

10
CENTS

THE CONSTRUCTION TOY
THAT BUILDS
"TRUE TO LIFE" MODELS

10
DOLLARS



"MASTER BUILDER" OFFERS TO YOU

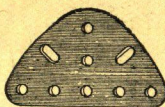
9 SUCCESSIVE OUTFITS 6 SUCCESSIVE ACCESSORY SETS
58 SEPARATE PARTS



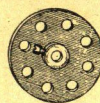
1 1/2" Gear

Corner
Batten Plate

1 1/2" Pulley



T Batten Plate



Bush Wheel

Foreword



URING the past year "**Master Builder**" has achieved a wonderful success and one cannot help but marvel at the tremendous development that has been accomplished.

"**Master Builder**" now offers to you 16 successive outfits which include 10 regular sets selling from 10 cents to \$10.00 and 6 accessory sets selling from 50 cents to \$2.50; 58 separate parts of unique and unsurpassed design; 95 "True to Life" models (and as many more as you can think of) and our "**Master Builder Speeder**," an efficient and powerful little motor for running your models. Our No. 10 Outfit alone, which sells for 10 cents, will build 22 suggestive models.

We know of no better way to prove our statements than that of asking you to build the models shown from cover to cover of this book. The "**Master Builder**" "Grip of Interest" will catch hold of you before you are fairly well started and by the time you reach our No. 6 Models, you will be "Heart and Soul" for "**Master Builder**" the construction toy that beats them all.

The "**MASTER BUILDER**,"

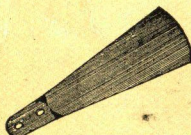
468 BROADWAY,
NEW YORK CITY.



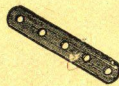
Screw Driver



Spanner Wrench



Propeller Blade



Perforated Strip



Pawl

Double
Bent Strip

5/16" Bolt



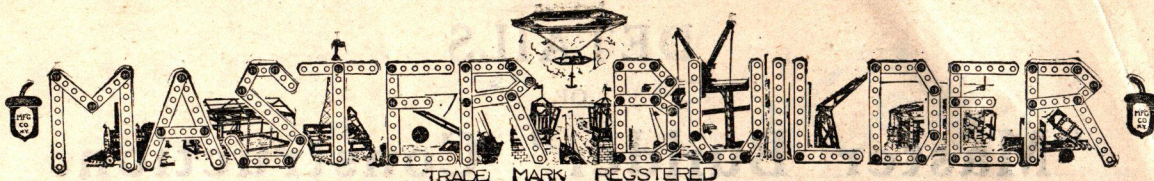
Nut

Collar and
Set Screw

Clip



1/2" Wood Screw



GENERAL INSTRUCTIONS.

It will be found advisable to read over these general instructions before going on with the construction of the models, as there are a few general rules and points of information which will simplify matters for your convenience.

Learn the names and **familiarize** yourself with the use of all **parts**. It will make your work a great deal easier.

On the next page will be found a series of illustrations showing the **general details** which enter into the construction of the models shown in this book. These details should be consulted constantly as they will be continually referred to as you proceed with your work.

You will find that **cardboard** can be used to advantage with most of the models, as it wonderfully **improves** their **appearance**.

Our illustrations are exceedingly clear and you can easily follow the mode of construction. We advise you not to copy direct, but to use your own ideas in building these models. "**Originality**" is the "**Mother of Invention**" and "**Master Builder**" offers to you an unlimited amount of food for your inventive ability. Having built all the models of your set, design others and increase the number of possible designs that can be constructed. Then send in a photo of your best or two best models and the judges of the "**Annual Contest**" will pass on it. You can stand a fine chance of winning a handsome prize.

The next step is to buy the **Accessory Set** which will increase your outfit to the next higher one, thereby placing you in a position to build **larger** and **better** models.

When you build up one or more working models, do not take these apart, but instead, buy our "**Master Builder Speeder**" to run these models. You can have an unlimited amount of fun with this splendid little motor.

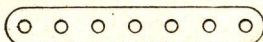
It is well worth your while to glance over our list of separate parts as you will find the prices interesting enough to induce you to buy **separate parts** for your work in "**Master Builder**" construction.

DETAILS

OF

"Master Builder" Construction.

Fig. 1.



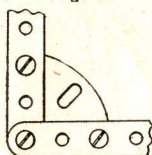
Remember that one-half the number of holes in a strip is the length of that strip in inches. As above, we have a 7-hole strip which is therefore $3\frac{1}{2}$ in. long.

Fig. 4.



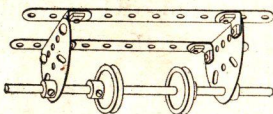
Showing how to use a check nut. By using two nuts on one bolt you have a joint that cannot come loose.

Fig. 7.



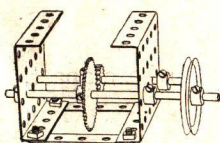
Showing how a corner Batten Plate serves to strengthen and join two strips at right angles.

Fig. 10.



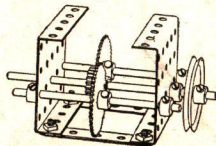
Showing how two T Batten Plates can be used as hangers for shafting.

Fig. 13.



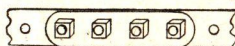
Simple gear box using one gear. As shown it runs high speed. By placing the pulley on the pinion shaft it will run low speed.

Fig. 14.



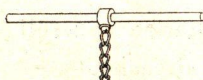
Simple reversing mechanism. The pinion shaft is driven by the motor and by throwing in or out which connects to one gear or the other, you reverse the motion.

Fig. 2.



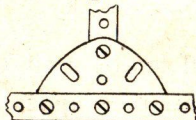
Showing how to join two strips end to end, using a 2-inch strip as a binder.

Fig. 5.



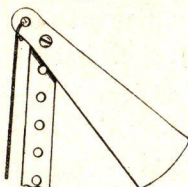
This cut shows how to fasten a piece of sprocket chain to a shaft. Simply put the set screw of a collar through the eye of one link and fasten to collar on shaft.

Fig. 8.



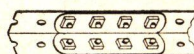
Showing how a T Batten Plate strengthens and joins two strips at right angles.

Fig. 11.



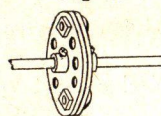
Showing how to use a propeller blade as a semaphore arm.

Fig. 3.



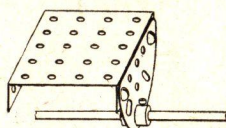
This cut shows how to join two angle girders. Here we use two 2-inch strips.

Fig. 6.



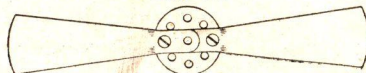
Showing how to couple two shafts by using two bush wheels. This is a good way for making a long rod out of two short ones.

Fig. 9.



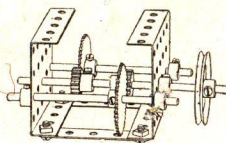
This cut shows how a T Batten Plate serves for an axle bearing in trucks, etc.

Fig. 12.



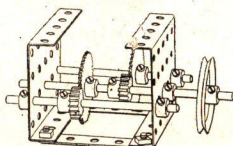
Showing how two propeller blades are connected to a shaft by means of a bush wheel.

Fig. 15.



This gear box is also a reversing type; using two pinions instead of one. You may find this type better than the one in Fig. 14 for certain models.

Fig. 16.

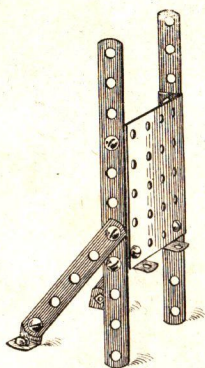


This type of gear box will give different changes of speed by merely shifting the pulley. As shown we have the same conditions as in Fig. 13. By placing it on the first pinion shaft you get a very slow speed drive.

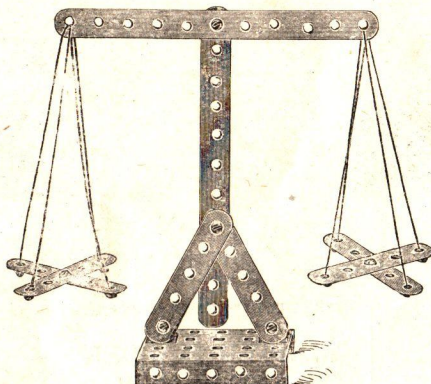
MASTER BUILDER

TRADE MARK REGISTERED

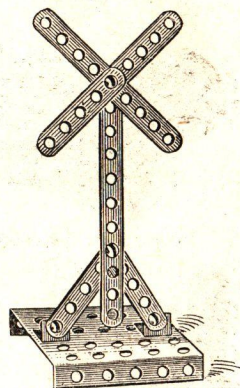
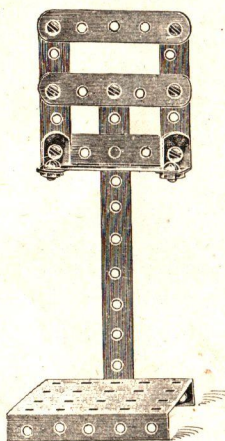
No. 1. Easel.



No. 2. Scales.



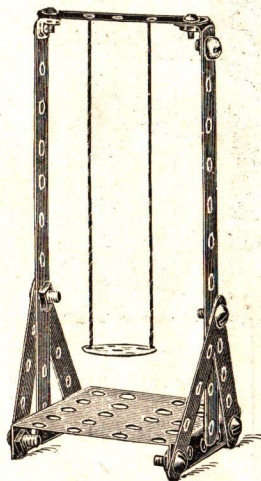
No. 3. Windmill.

No. 4.
Music Stand.

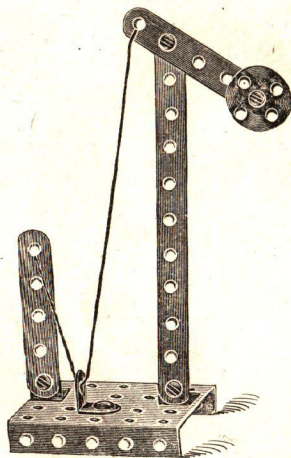
This group of models begins the series that can be built with "MASTER BUILDER" sets. Build all the models that are shown in this book, then try for the prizes which are given to the winners of our Annual Contest.

**MAKE
MASTER BUILDER
MODELS**

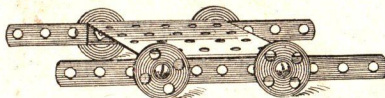
No. 5. Swing.



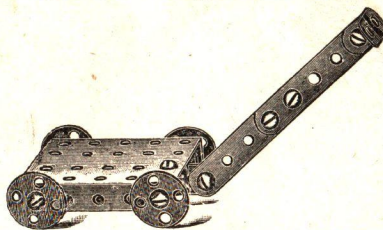
No. 6. Semaphore.



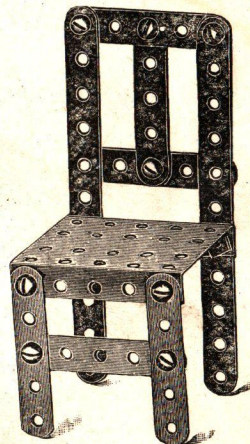
No. 7. Flat Wagon.



No. 9. Express Wagon.



No. 8. Chair.



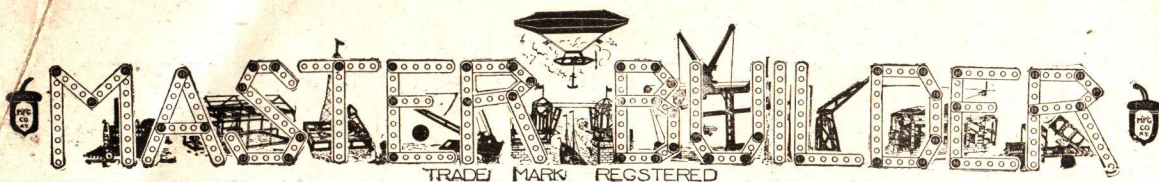
"MASTER BUILDER"

16 Outfits.

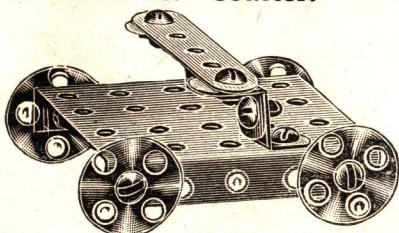
58 Parts.

10c to \$10.00

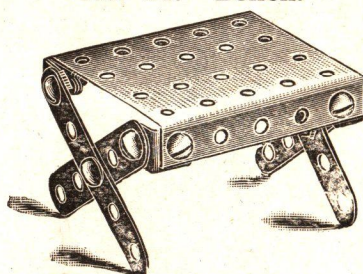
This group of models built with Outfit No. 10.



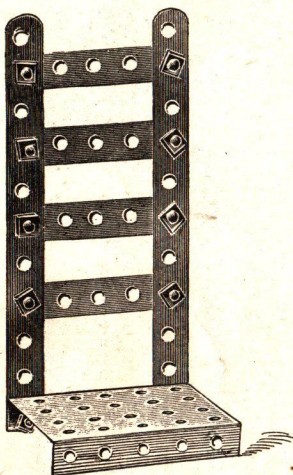
No. 10. Coaster.



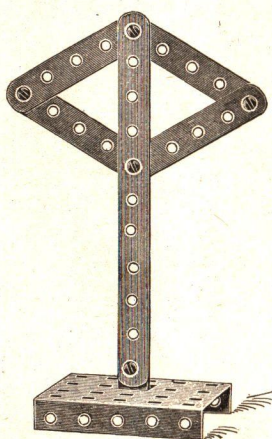
No. 11. Bench.



No. 12. Ladder.



No. 13. Warning Post.

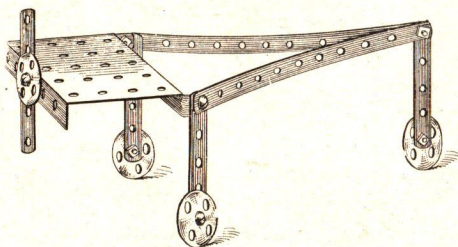
**"MASTER BUILDER"**

Parts
are 58 in number,
and
some of the parts
are **NEW**.

YES:

You cannot find
them in other sets.

No. 14. Monoplane.

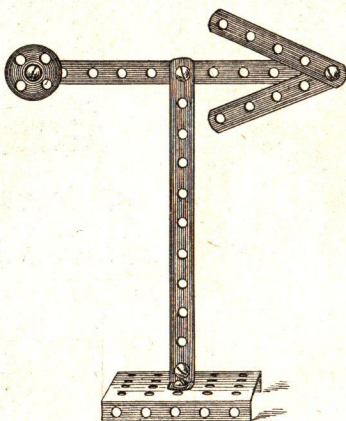


Our No. 10 Set
builds
22 models.

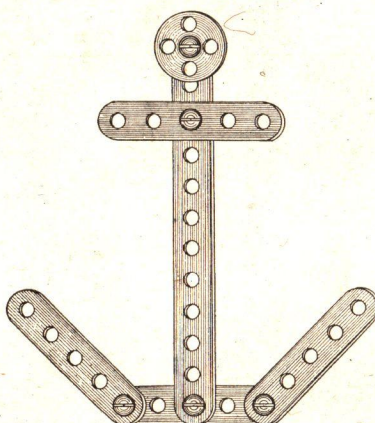
Is your name
on our
mailing list?

It means
dollars to you.

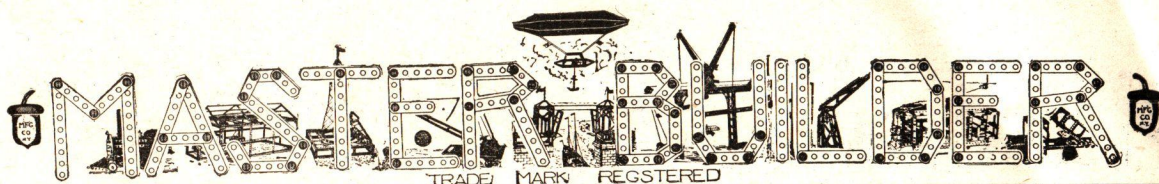
No. 15. Weather Vane.



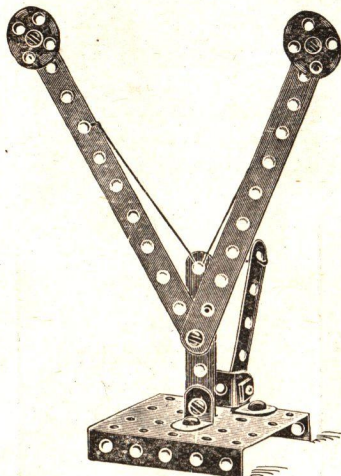
No. 16. Anchor.



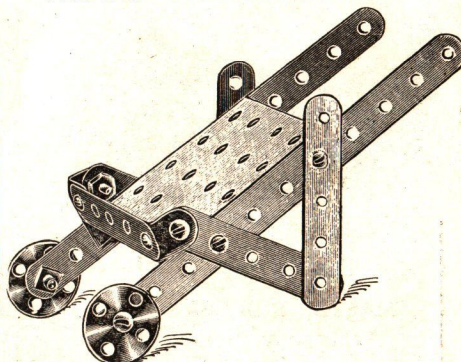
This group of models built with Outfit No. 10.



No. 17. Railway Barrier.

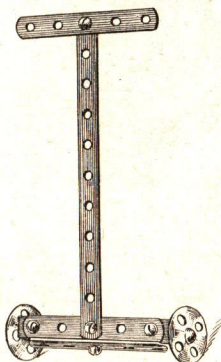


No. 18. Wheel Barrow.

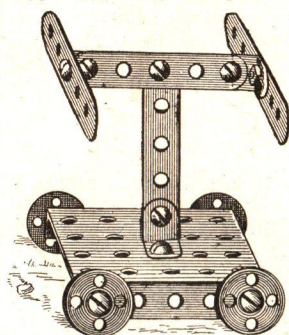


"Master
Builder"
sets
are
Interchangeable

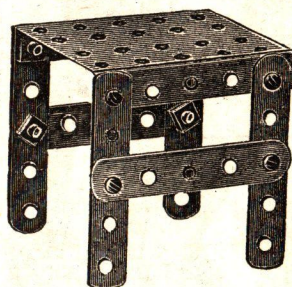
No. 20. Lawn Mower.



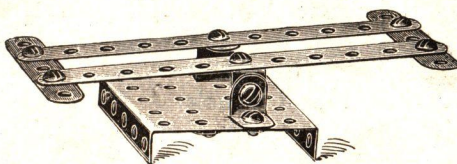
No. 19. Hand Car.



No. 21. Tabourette.



No. 22. See Saw.



"MASTER BUILDER"
ALPHABET.

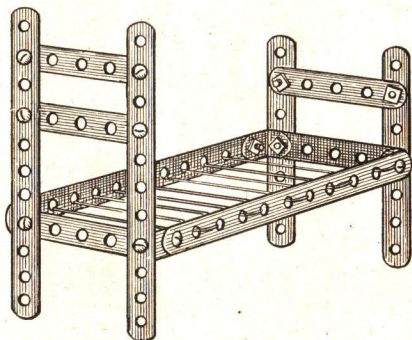
Something New.
50c and \$1.00.

"MASTER BUILDER"
SETS.

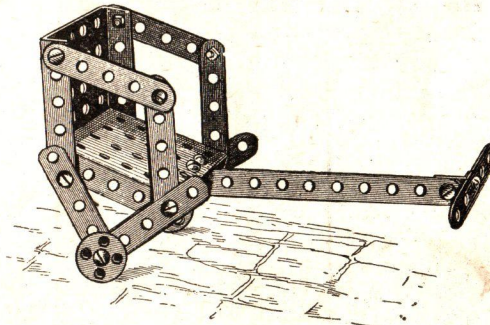
Are 16 in number
and sell from
10c to \$10.00.

The above group of models built with Outfit No. 10.

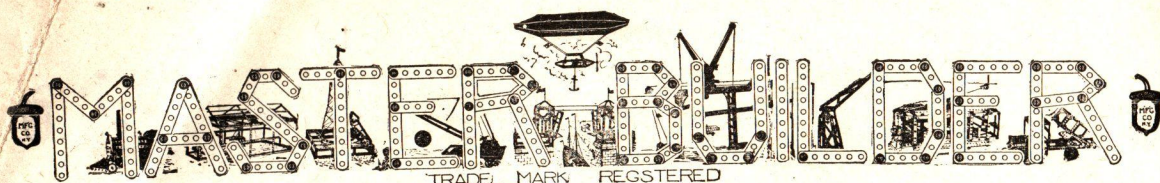
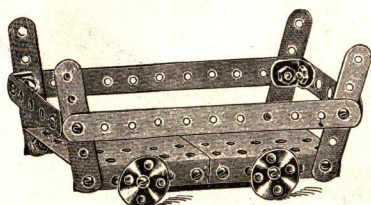
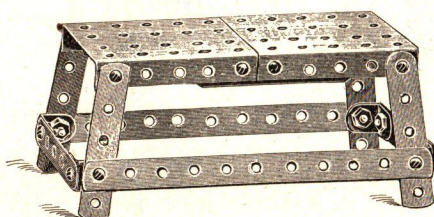
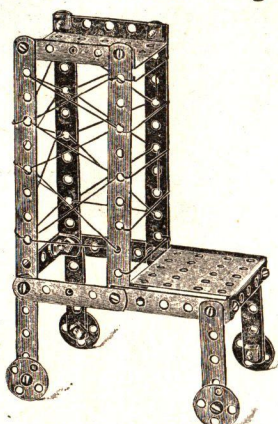
No. 23. Bed.



No. 24. Sulky.



These two models built with Outfit No. 25.

**No. 25. Baggage Truck.****No. 26. Table.****No. 27. Tower Wagon.**

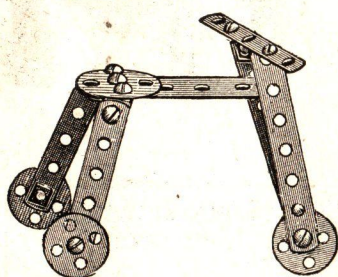
By buying
"MASTER BUILDER"
 Accessory Sets
 you can build
 Bigger
 and
 Better
 Models.

—
WHY NOT?

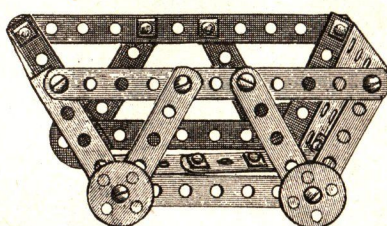
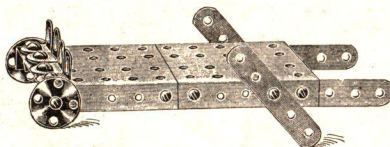
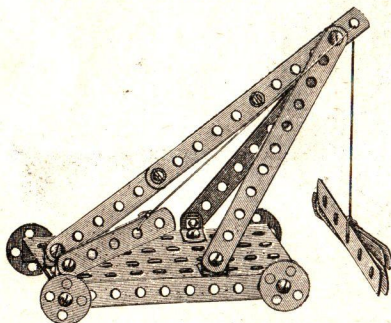
Have you seen
 our
 No. 6 Models?

—
The Best yet.

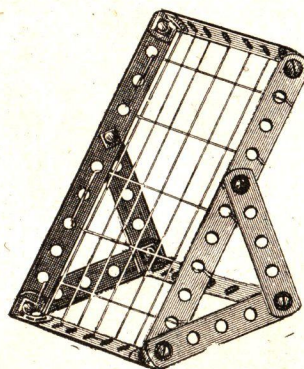
—
 They work—
 and besides
 they look like
 the real thing.

No. 28. Bicycle.

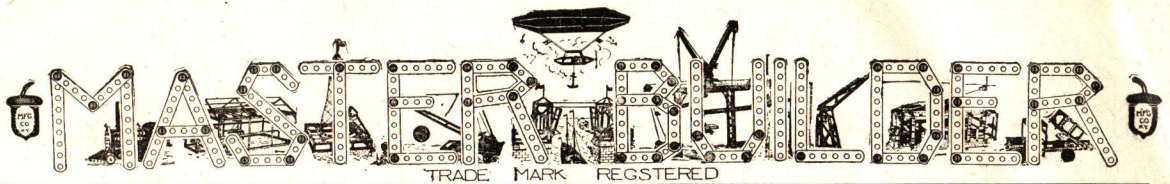
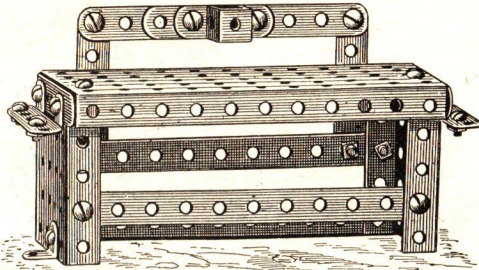
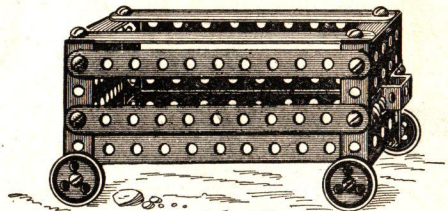
"MASTER BUILDER"
 Alphabet
 is a new idea in
"MASTER BUILDER"
 Construction.
 See back of book.

No. 29. Package Truck.**No. 30.
Hand Truck.****No. 31. Derrick.**

Outfit No. 25
 builds
 32 models.
 Why not get
 one and
 build them?

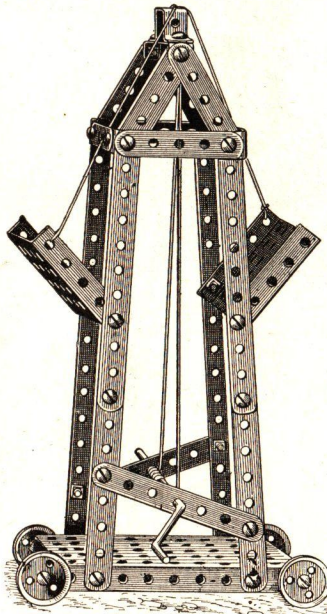
No. 32. Sand Sieve.

This group of models built with No. 25.

**No. 33. Carpenter Bench.****No. 34. Box Car.****No. 35. Coal Chute.****"Master Builder"**

Illustrations
are so clear
that explanations
are unnecessary.

With the details of
construction in the
front of this book and
any slight remarks that
are added, you can
easily build any model
in the book.



Did you see our
Outfit No. 4?

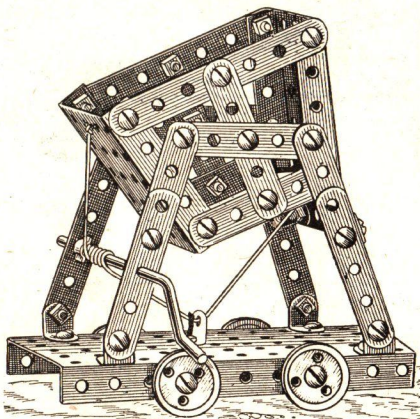
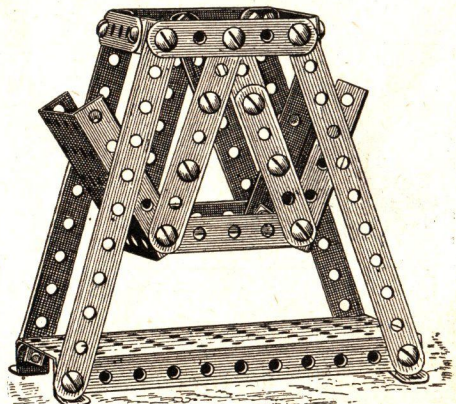
It comes in a fine
wooden box.

It's worth seeing.

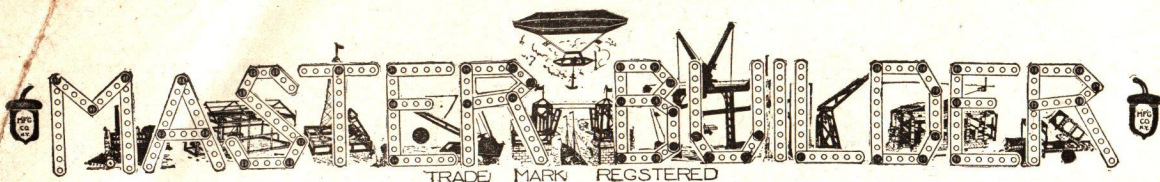
We sell motors sep-
arately. Why not get
one to run your models?

Our prices for sepa-
rate parts are very rea-
sonable.

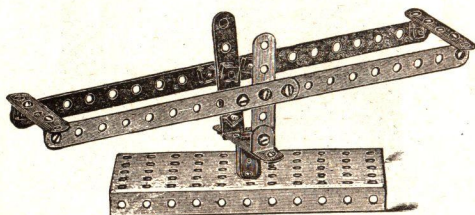
See back of book for
complete information.

No. 36. Foundry Ladle.**No. 37. Garden Swing.**

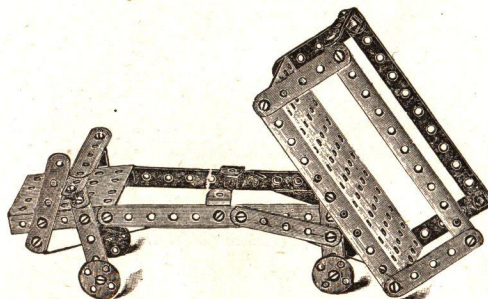
This group of models built with Outfit No. 50.



No. 38.
Revolving See-Saw.



No. 39. Dump Truck.

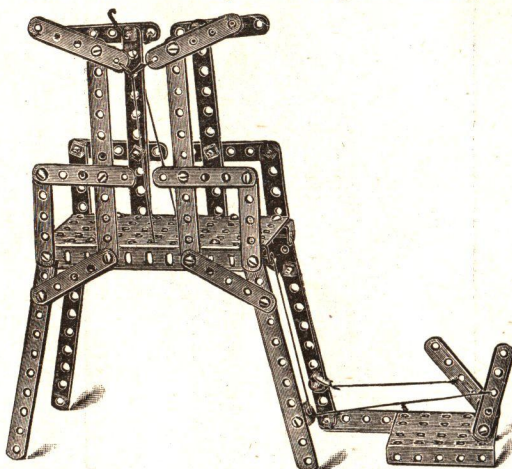


No. 40. Semaphore Signal Bridge.

**"Master
Builder"**
10c to \$10.00.

The Builder
that builds
"Life-like"
models.

"Made in
the
U. S. A."

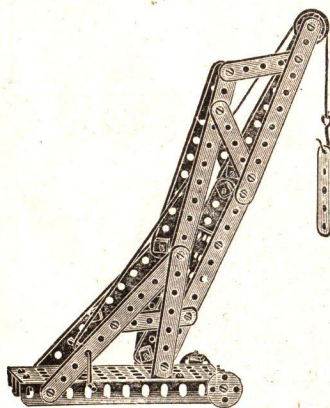


**"Master
Builder"**
Alphabet
50c to \$1.00.

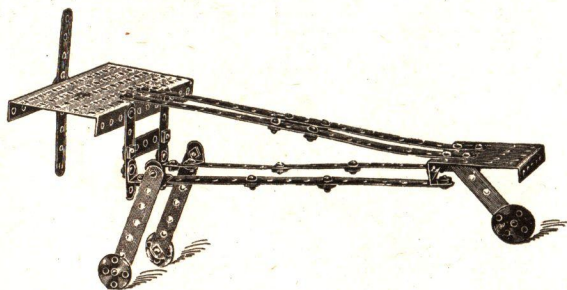
Something
New.

Builds letters,
spells words,
makes real
signs.

No. 41. Roller Crane.



No. 42. Bleriot Monoplane.



WHAT "MASTER BUILDER" BUILDS.

Aeroplanes
Boats

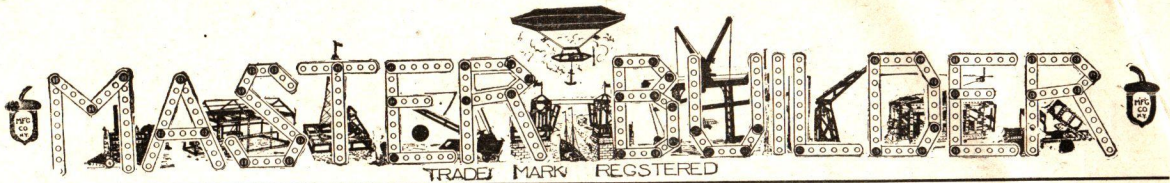
Inclined Railways
Light Houses

Auto Trucks
Cranes

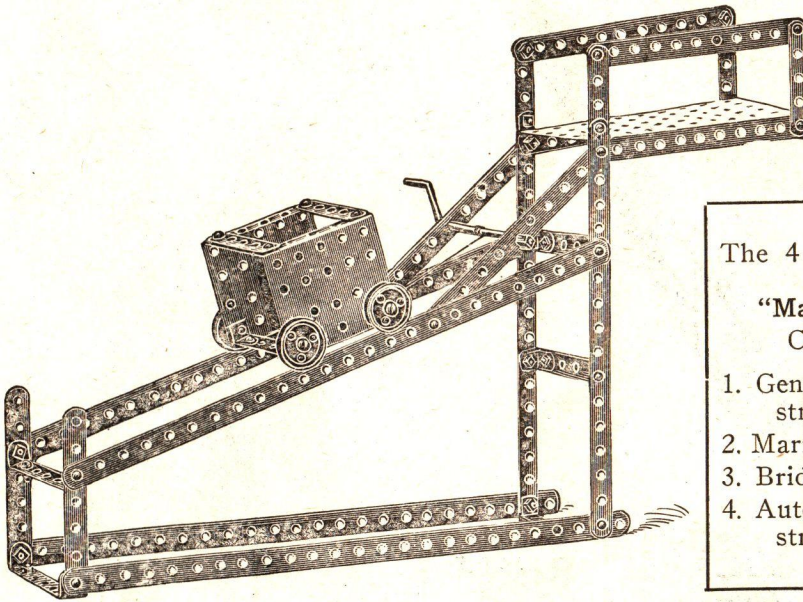
Steam Shovels
Machinery

Derricks
Elevators
Bridges
Houses

This group of models built with Outfit No. 50.



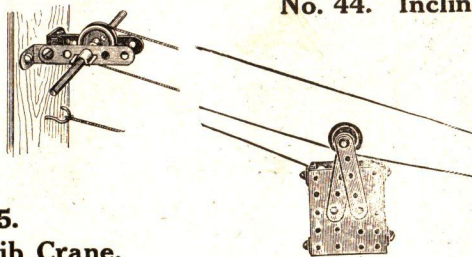
No. 43. Delivery Conveyor.



The 4 Distinct Types
of
"Master Builder"
Construction

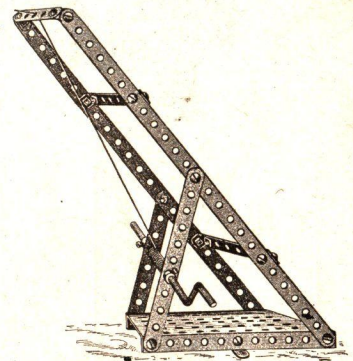
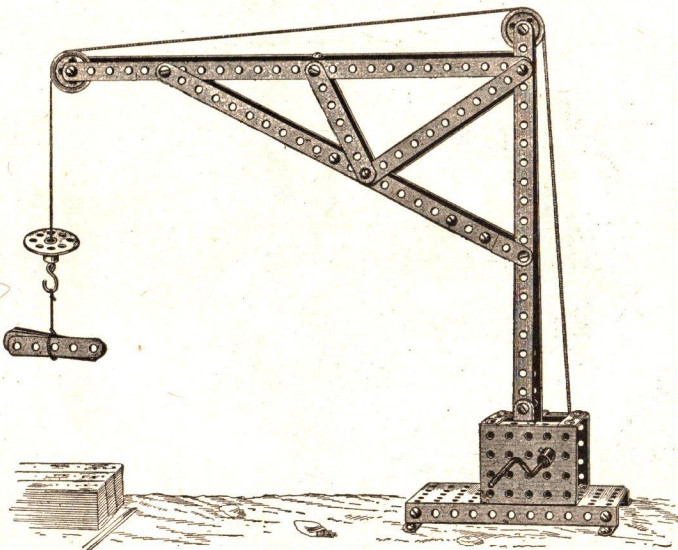
1. General Steel Construction.
2. Marine Construction.
3. Bridge Construction.
4. Auto Truck Construction.

No. 44. Inclined Carrier.



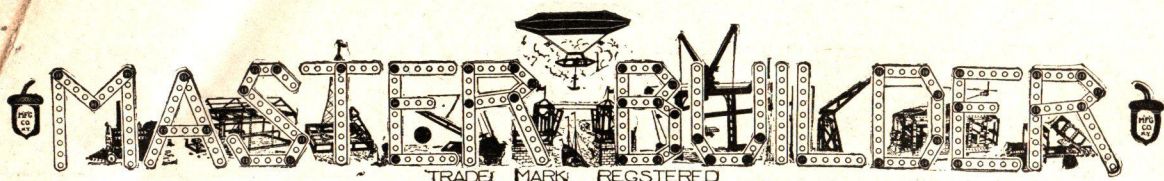
By using a long piece
of cord you can make
the car travel across
your room.

**No. 45.
Top-Braced Jib Crane.**

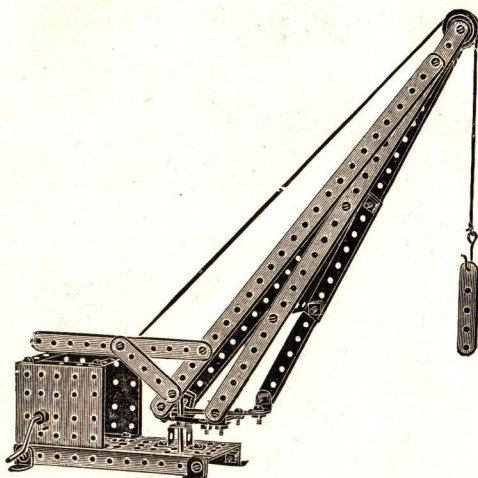


Our Contest
offers
you a fine
opportunity
to win a
Handsome Prize.

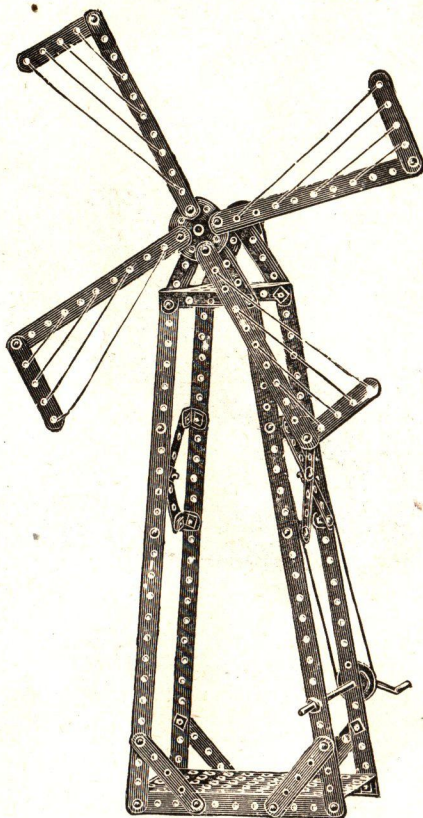
These models built with Outfit No. 1 or (No. 50 and No. 50A).



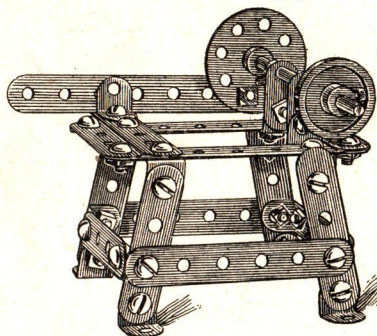
No. 46. Rotary Jib Crane.



No. 47. Large Windmill.

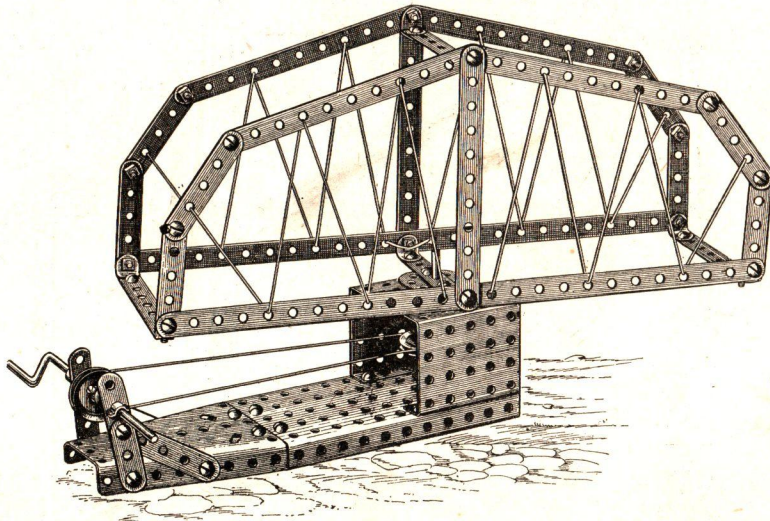


No. 48. Hack Saw.



Build
with
"Master
Builder"

No. 49. Draw Bridge.

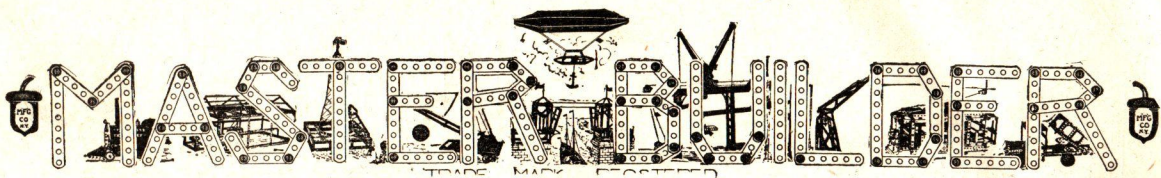


"Master
Builder"
shows you
"How to
Build."

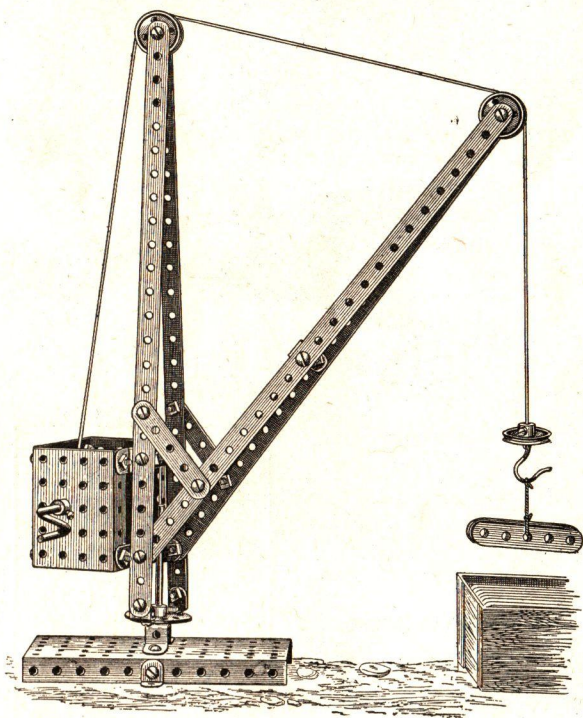
Get in Line!

Have lots of
fun by building
your own toys.

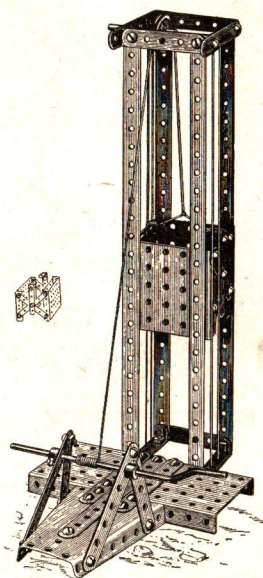
These models built with Outfit No. 1 or (No. 50 and No. 50A).



No. 50. Rotary Jib Crane.



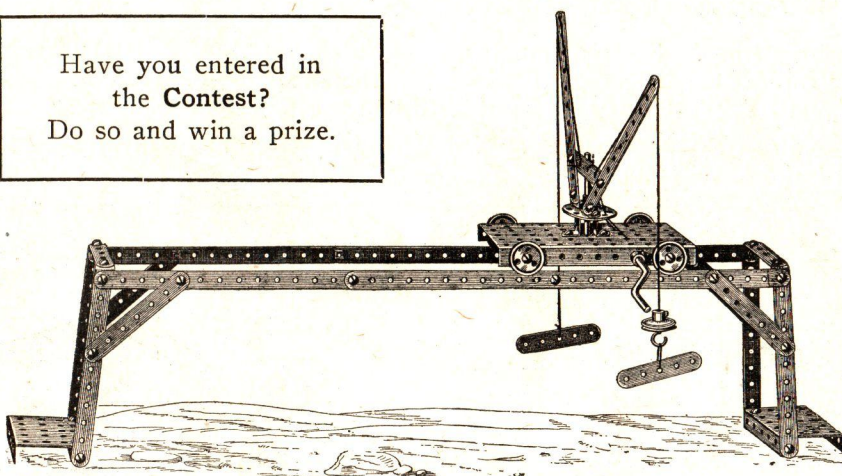
No. 51. Pile Driver.



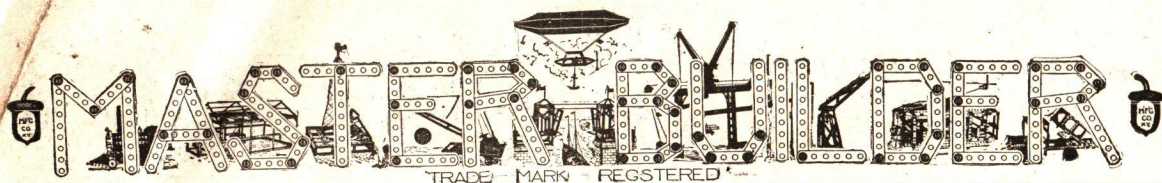
Small sketch in outline shows the construction of the driving head.

No. 52. Traveling Crane.

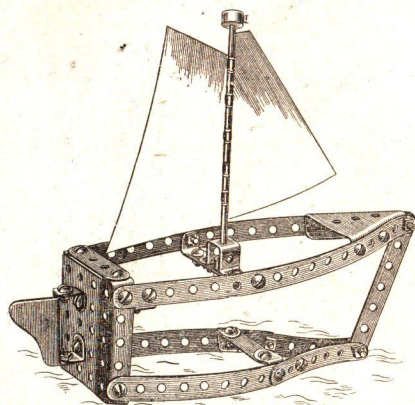
Have you entered in
the **Contest**?
Do so and win a prize.



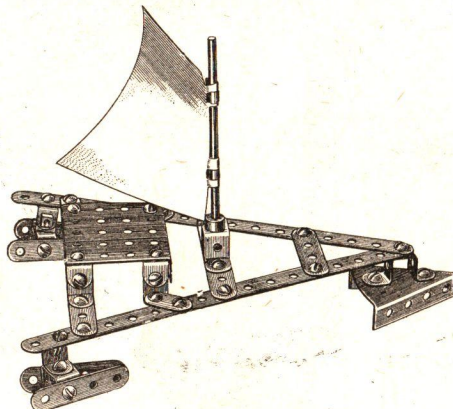
These models built with Outfit No. 1 or (No. 50 and No. 50A).



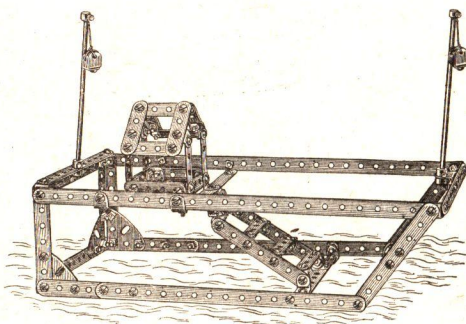
No. 53. Sail Boat.



No. 54. Ice Boat.



No. 55. Canal Barge.



"True to Life"
models
are what
"MASTER
BUILDER"
builds.
Got yours?

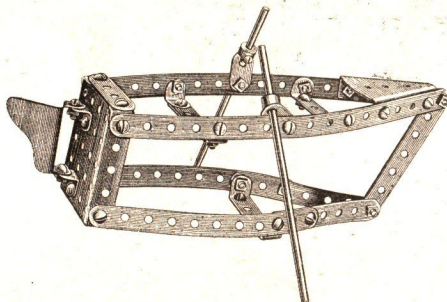
"MASTER
BUILDER"
Alphabet
is a great
Toy.
It is worth
an investigation.

MARINE CONSTRUCTION.

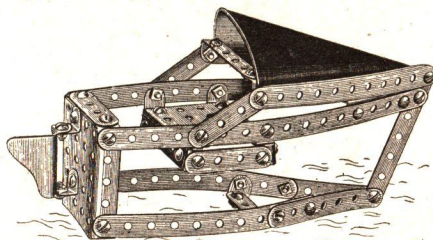
This line of construction is a feature of "MASTER BUILDER." No "Builder" shows boats that look like the Real Thing. Have you seen the Battleship" that can be built with Outfit No.6?

Note:—No rudder is supplied with Outfit No. 2. Buy this piece and build better models.

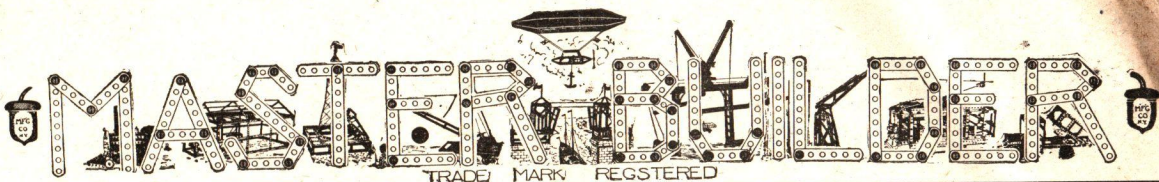
No. 56. Row Boat.



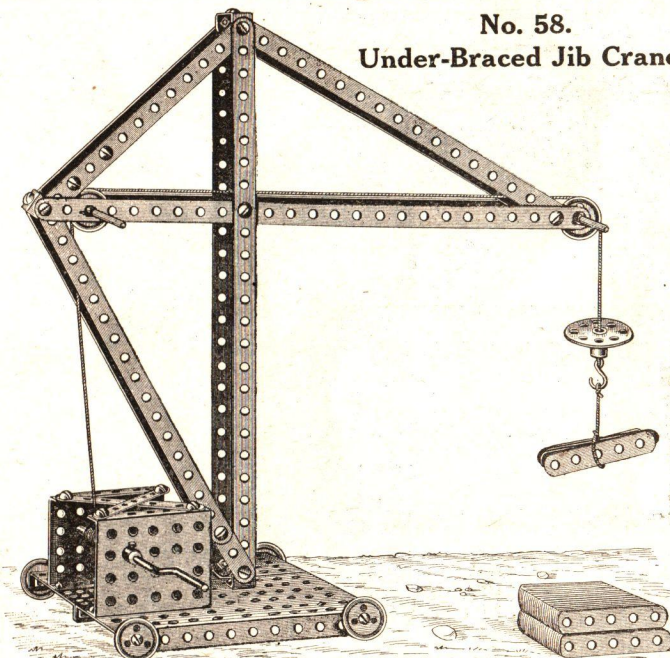
No. 57. Motor Boat.



These models can be built with Outfit No. 2 or (No. 1 and No. 1A).



No. 58.
Under-Braced Jib Crane.



Any dealer will supply you with separate parts.

Our prices are very reasonable.

58 separate parts.

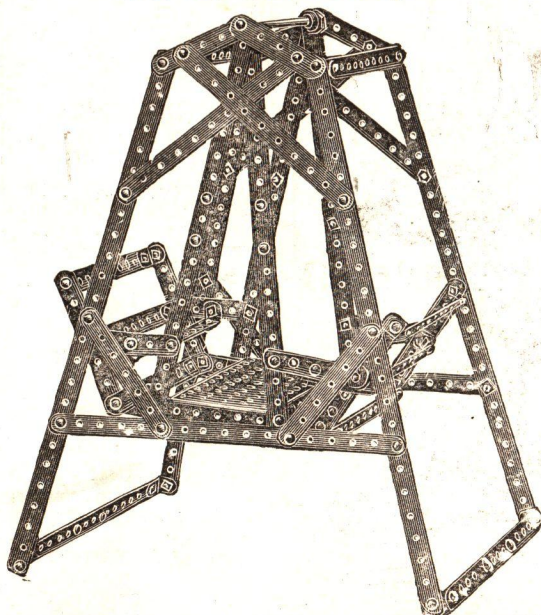
And as for

Originality!

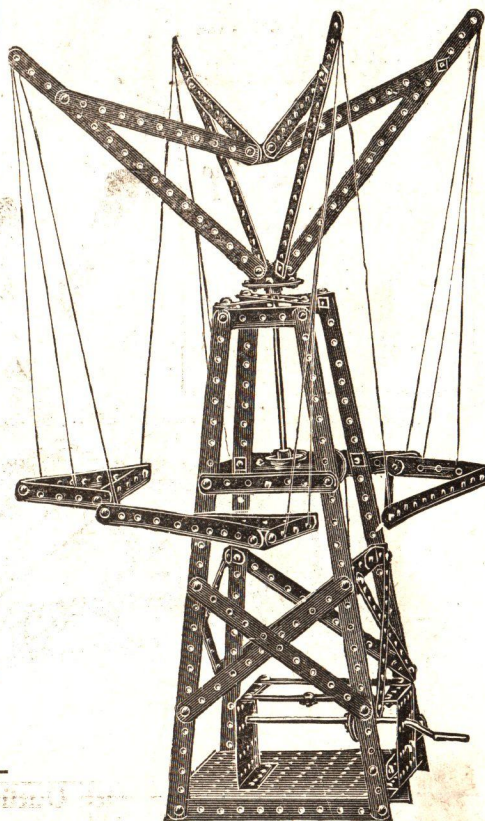
Well—many of our parts cannot be found in other sets.

We can supply you with
a motor
to run your models.

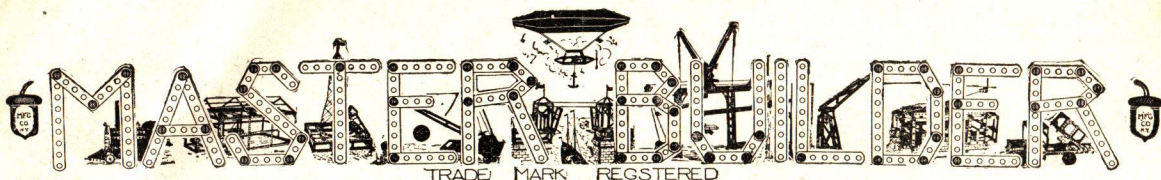
No. 60. Lawn Swing.



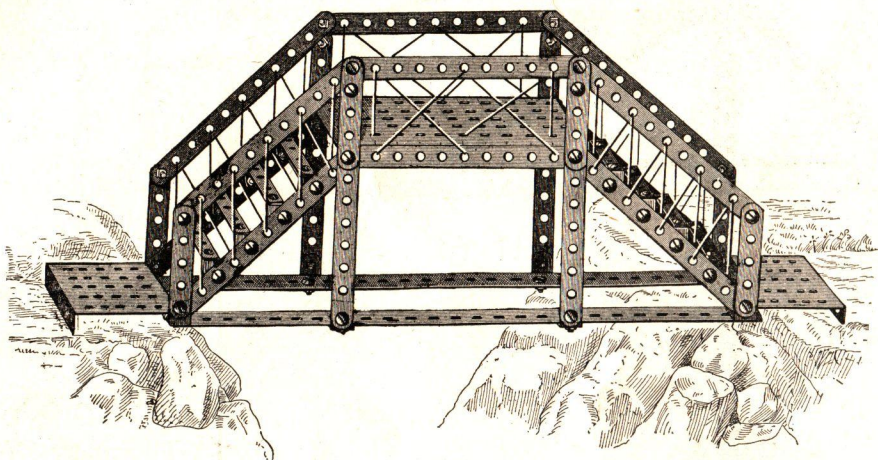
No. 59.
Flying Air Ships.



These models built with Outfit No. 2
or (No. 1 and No. 1A).



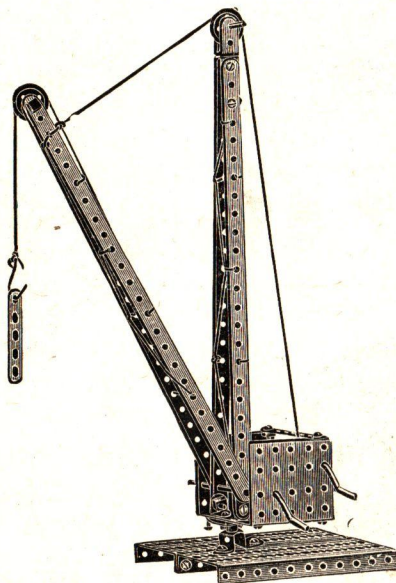
TRADE MARK REGISTERED

No. 61. Canyon Bridge.**No. 62. Compound Girder Crane.**

For **YOUR**
convenience!

We maintain an **INFORMATION DEPARTMENT**. Start in right by getting your name on our mailing list.

By doing so you are sure of receiving our latest designs and printed matter.

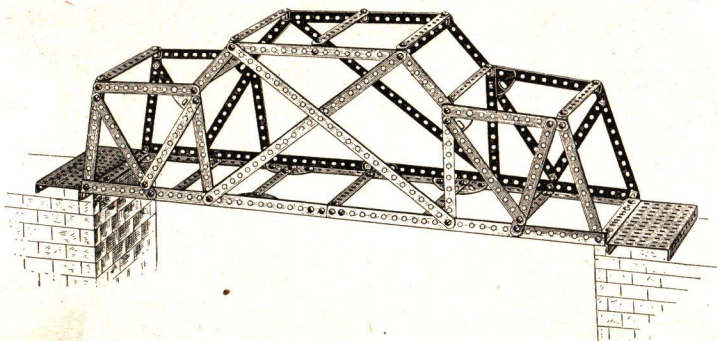
**6**

Accessory sets are offered to our boys.

We cannot impress you too much with the importance of these outfits.

With an accessory set you can
Build Better Models.

The two above models built with Outfit No. 2 or (No. 1 and No. 1A).

**No. 63.****Railroad Bridge.**

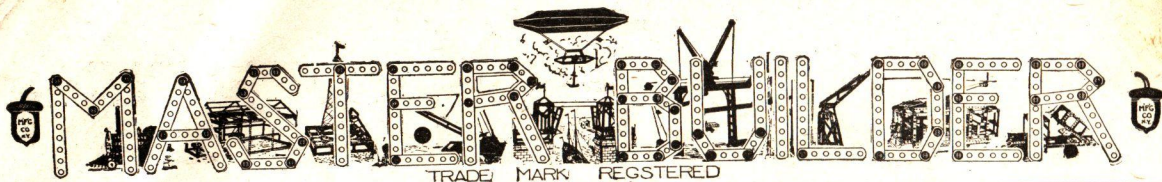
This model built with Outfit No. 3 or (No. 2 and No. 2A).

A detailed technical illustration of a mechanical device, likely a pump or engine component. The device features a complex arrangement of metal plates, bolts, and a large rectangular frame. It is shown in a perspective view, resting on a base with wavy lines indicating water or a foundation. The illustration is rendered in a style typical of 19th-century technical drawings, with fine lines and cross-hatching for shading.

A detailed technical illustration of a mechanical device, likely a pump or engine component. It features three large rollers mounted on a central shaft, supported by a complex metal frame with various bolts and structural elements. The device is shown in a perspective view, highlighting its mechanical structure and components.

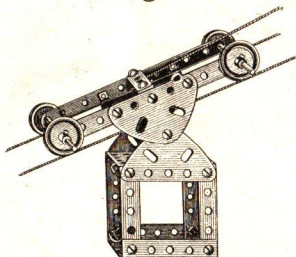
A detailed black and white photograph of a large, complex metal truss structure, likely a bridge or a large crane. The structure is composed of numerous interconnected metal beams and girders, forming a series of triangular trusses. It is supported by two large, heavy-duty metal legs or jacks, which are also constructed from a similar truss design. The entire structure is made of dark metal, possibly steel, and is set against a plain, light-colored background.

—15—



No. 68. Inclined Railway.

Passenger Car

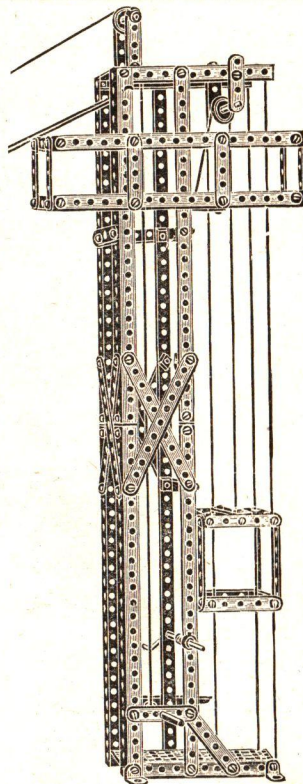
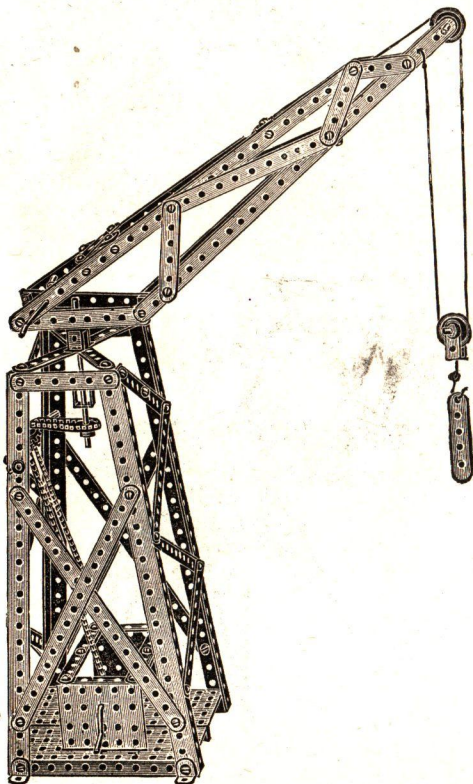


Platform Landing



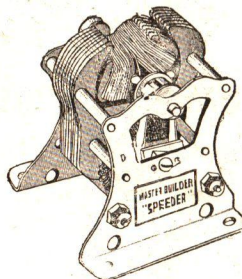
This model works well with a long cord for the cable. For proper operation fasten the tower and platform landing to a board. You can run the car up and down with a motor.

No. 69. Elevated Girder Crane.



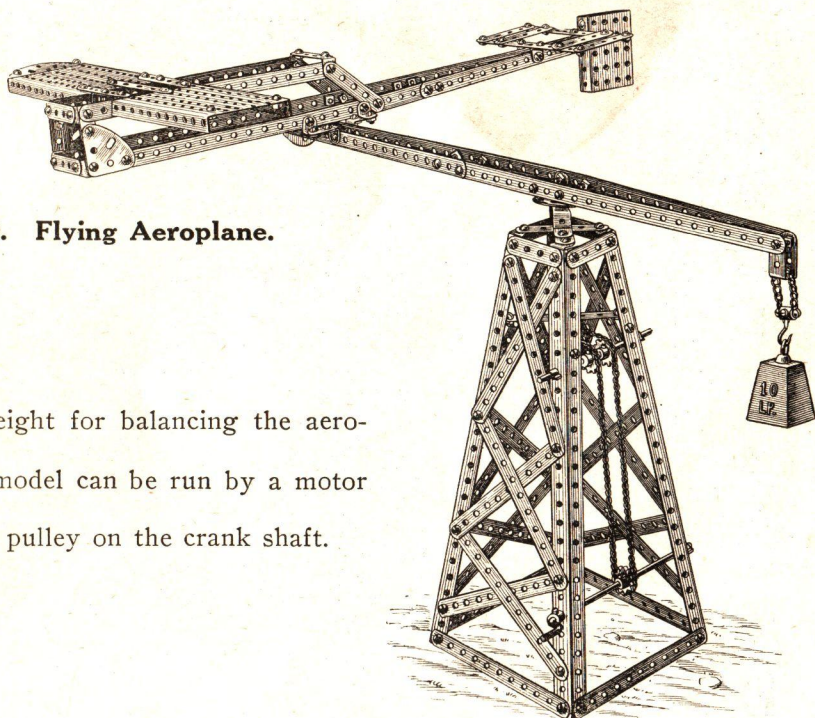
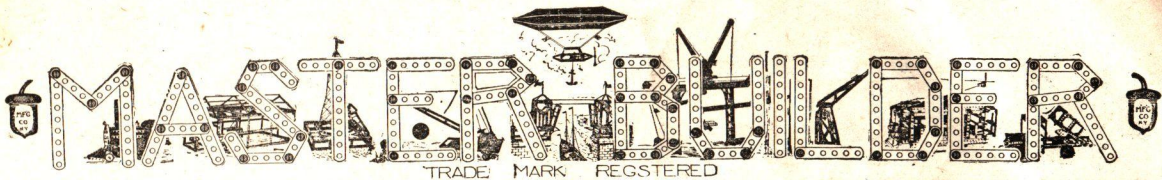
Station Tower and Elevator

"MASTER BUILDER" SPEEDER



This wonderful little motor can be bought for 75 cents.

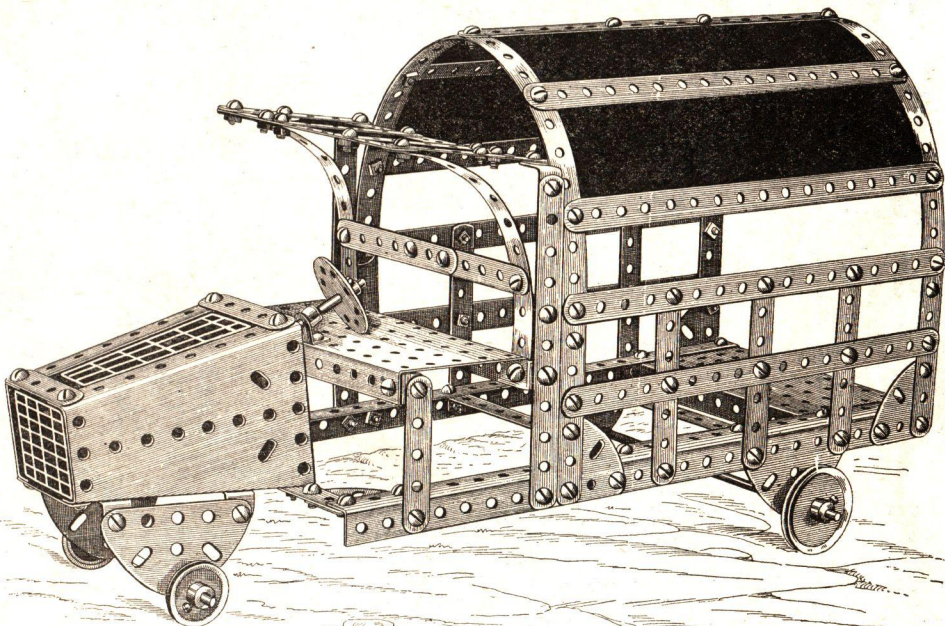
These Models built with Outfit No. 3 or (No. 2 and No. 2A).



No. 70. Flying Aeroplane.

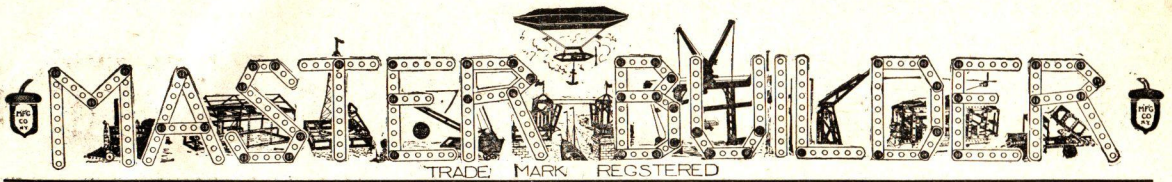
Use any weight for balancing the aeroplane. This model can be run by a motor if you place a pulley on the crank shaft.

No. 71. City Delivery Truck.

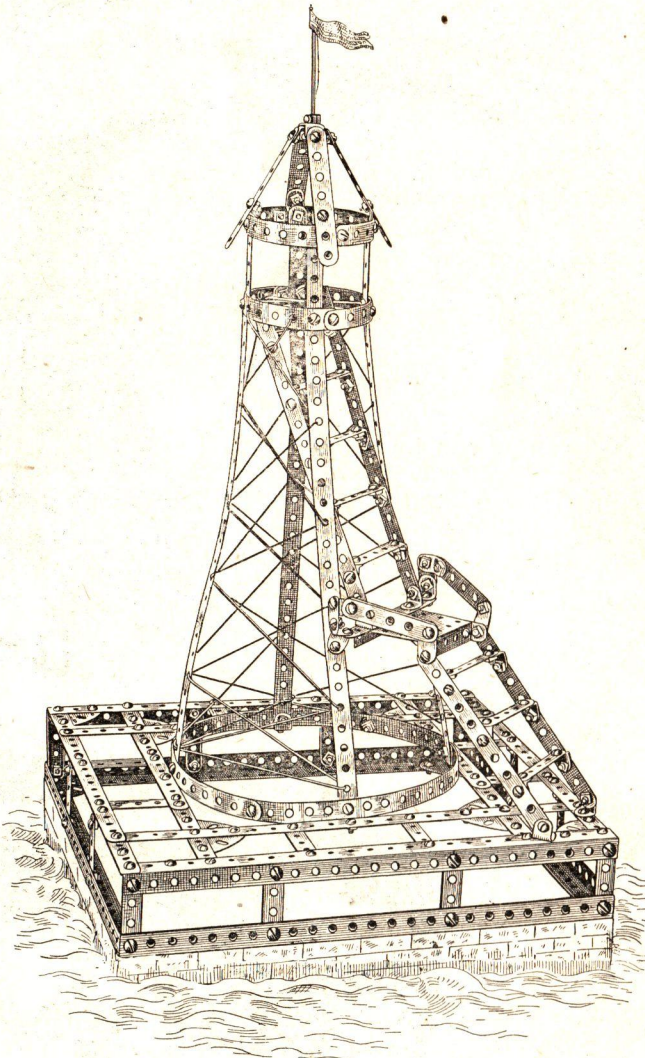


A piece of black cardboard for the hood of the truck improves the model a great deal. The lacing on the radiator is made with cord.

These models built with Outfit No. 4 or (No. 3 and 3A).

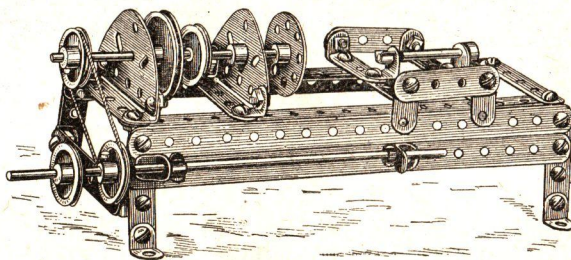


No. 72. Lighthouse.



A splendid model when completed.

No. 73. Machine Lathe.



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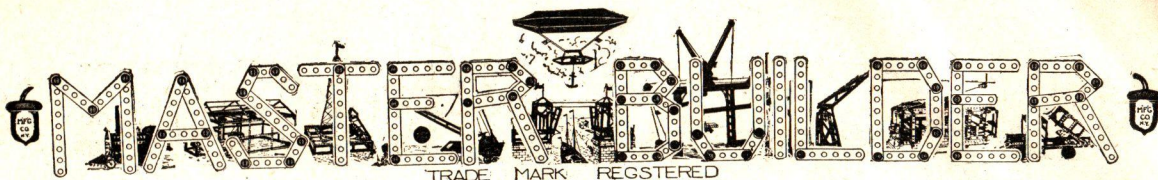
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This model built with Outfit No. 4 or (No. 3 and No. 3A).



No. 74. Dutch Windmill.

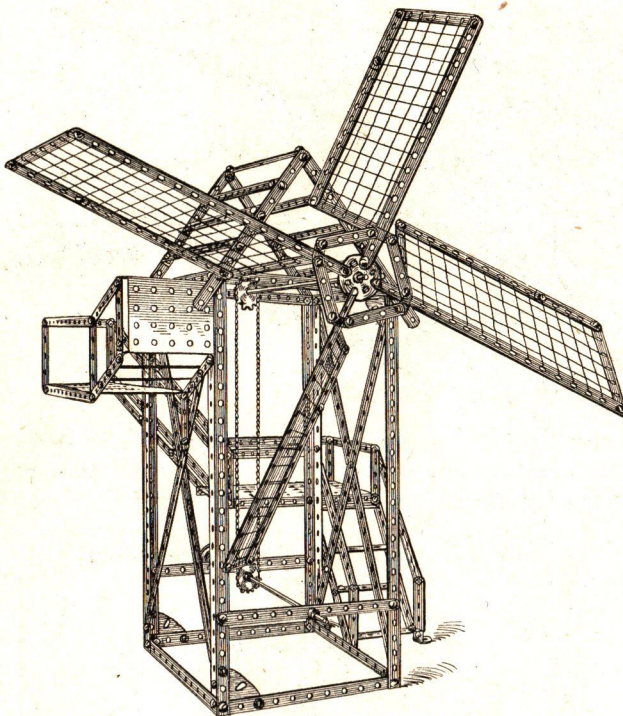
Our
Annual
Contest
ends Mar. 1st.

Get your
entry blanks
and enter
NOW!

Do not delay!

The winners
will receive
prizes and
have their
names
published.

Get in line.



By attaching a pulley on the lower shaft you can run this model with our motor. Try it.

Have you
seen

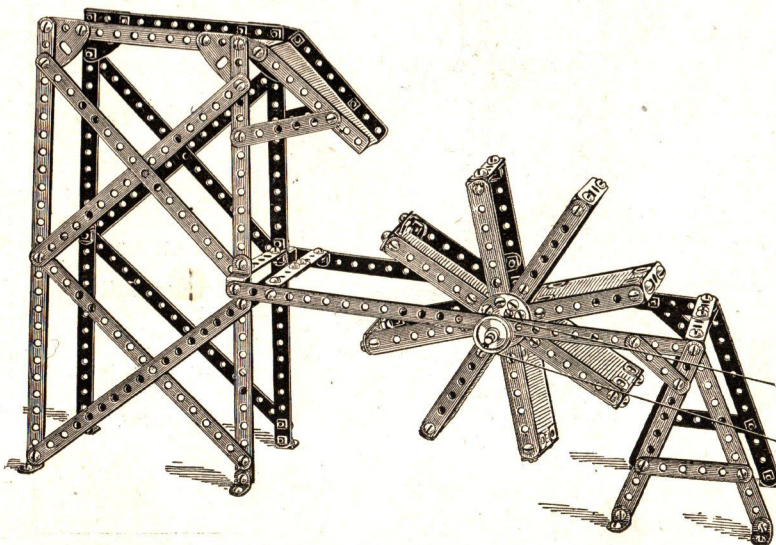
**"MASTER
BUILDER"
ALPHABET?**

Builds letters,
spells words,
makes real
signs.

Sold in
two sets.

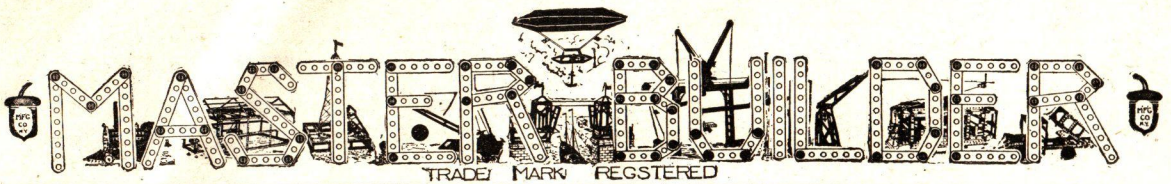
Set A, 50c.
Set B, \$1.00.

No. 75. Water Wheel.

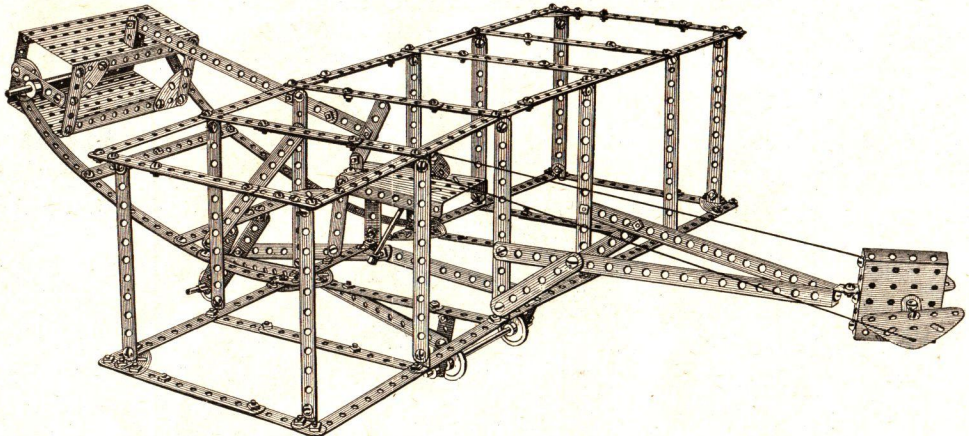


Cardboard can be used for the blades of the paddle wheel and the chute. Then by feeding pebbles or sand down the chute you can make the paddle turn and obtain power from the pulley on the shaft as shown.

These models built with Outfit No. 4 or (No. 3 and No. 3A).



No. 76. Biplane Model.



This is a fine model to construct. Use pulleys for the three wheels of the biplane. The rudder is made of two small plates and two batten plates at right angles as shown above.

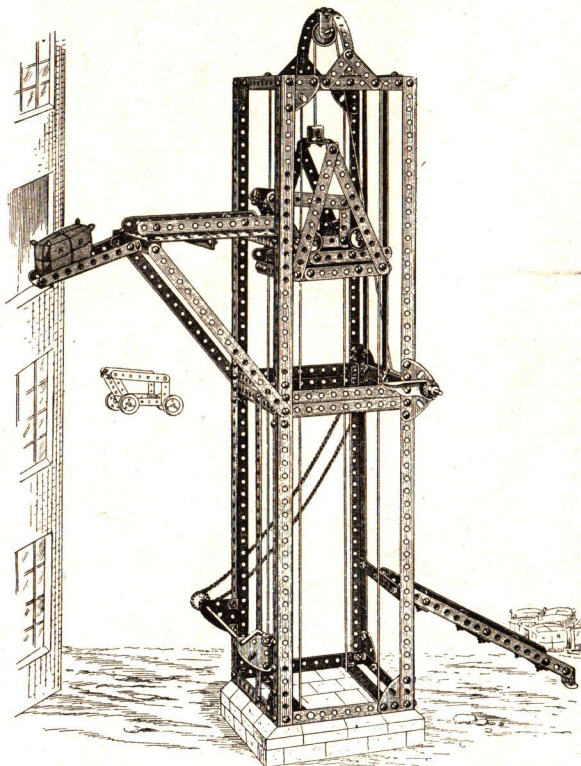
No. 77. Vertical Grain Elevator.

The length of any strip is $\frac{1}{2}$ the number of holes.

A good rule to remember.

"Master Builder" Construction.

is very simple and is easily "Mastered."

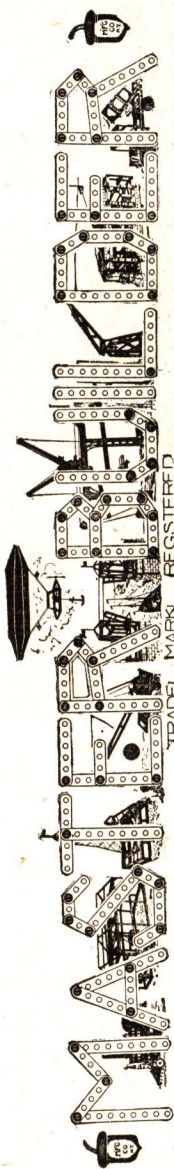


The small sketch in outline shows the construction of the car.

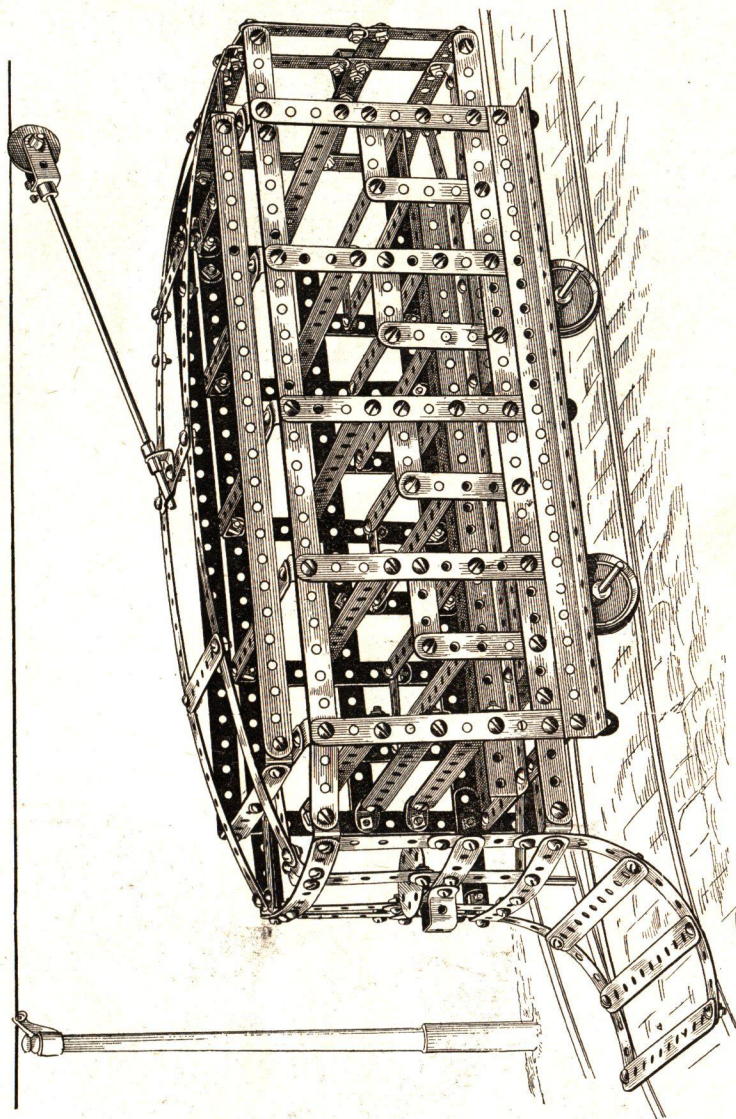
Have you seen the No. 6 "Steam Shovel." Model?

This model is so "Life Like" and works splendidly; why not build it for yourself.

These models built with Outfit No. 4 or (No. 3 and No. 3A).



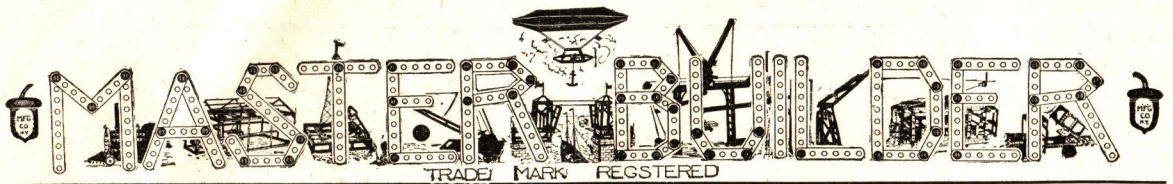
No. 78. Trolley Car.



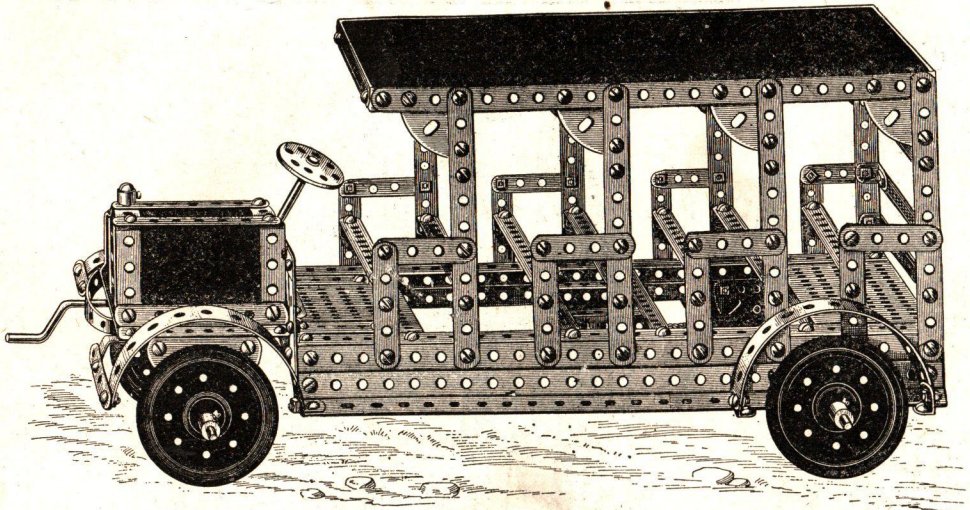
This fine Model made with Outfit No. 4. — The Best \$5.00 Model on the market. — Why?

Because No Construction Toy can build this model with a \$5.00 Outfit. — You Can! — Because "MASTER BUILDER" gives more for your money.

T Batten Plates are used as bearings for the axle rods. See Page 2, Fig. 9. For construction of trolley pole wheel see Page 32, Fig. 17. By buying extra angle girders (see back of book for prices), you can make tracks and run this model on them.

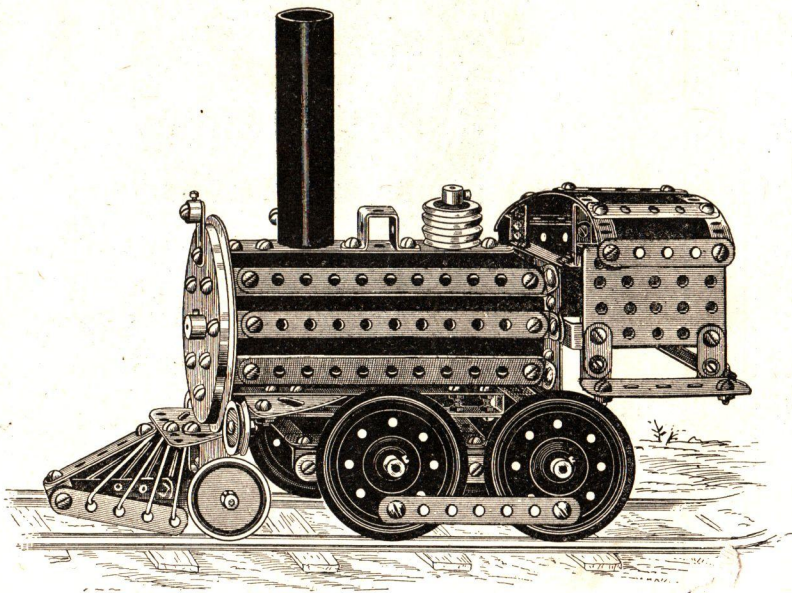


No. 79. Sight-Seeing Auto.



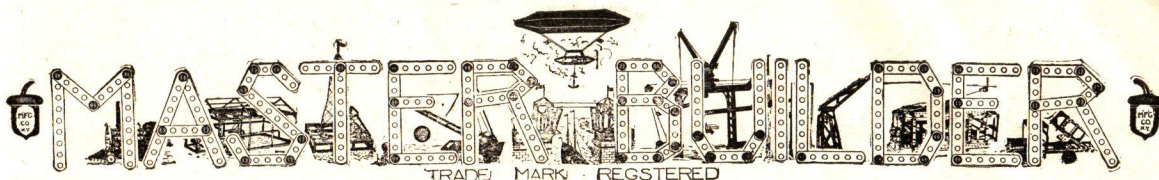
Cardboard used for the top and radiator of the auto helps to improve the general appearance of the model.

No. 80. Locomotive.



This model illustrates very nicely the wide range of possible designs with "Master Builder" Outfits. The above locomotive is similar to the one that Stephenson experimented with.

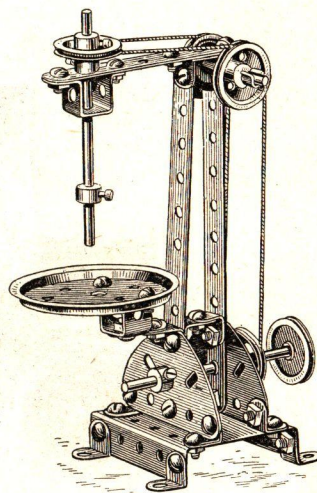
These models built with Outfit No. 5 or (No. 4 and No. 4A).



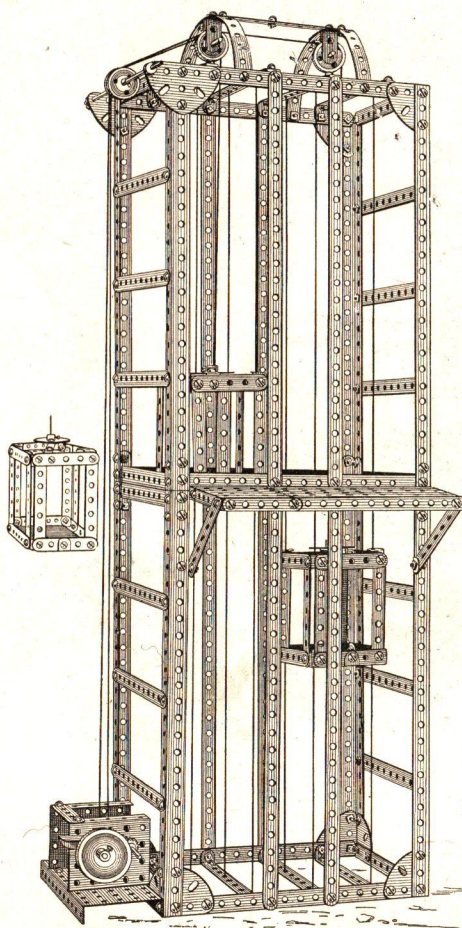
As a suggestion:

Read over the details of construction as outlined on page 2 and continued on page 32. A working knowledge of these details will help you to build any models of your own design.

No. 81. Drill Press.

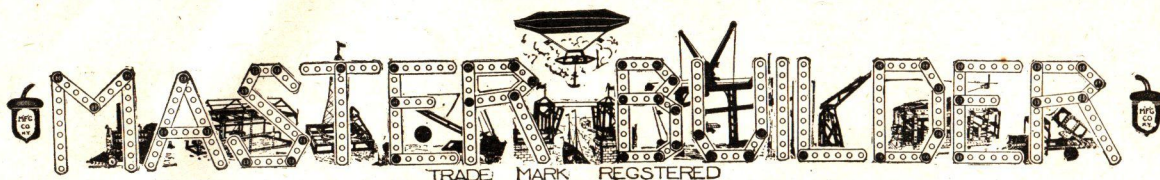


No. 82. Passenger Elevator.

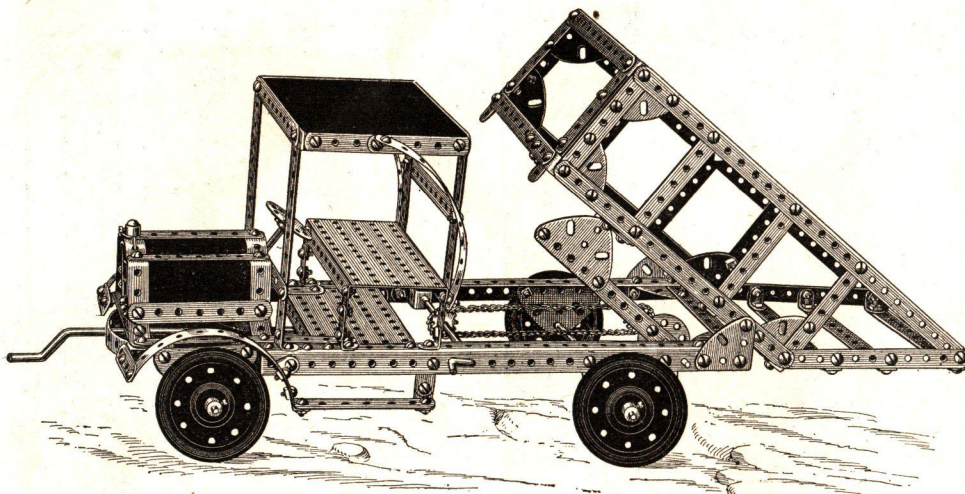


The small sketch in outline shows the general construction of the cars. The gear box is the same as in Fig. 13, Page 2. A pinion and pawl arrangement is used in addition, to prevent the cars from sliding back. For this latter construction see page 32, Fig. 19. Use cardboard for the floor of the cars.

These models built with outfit No. 5 or (No. 4 and No. 4A).

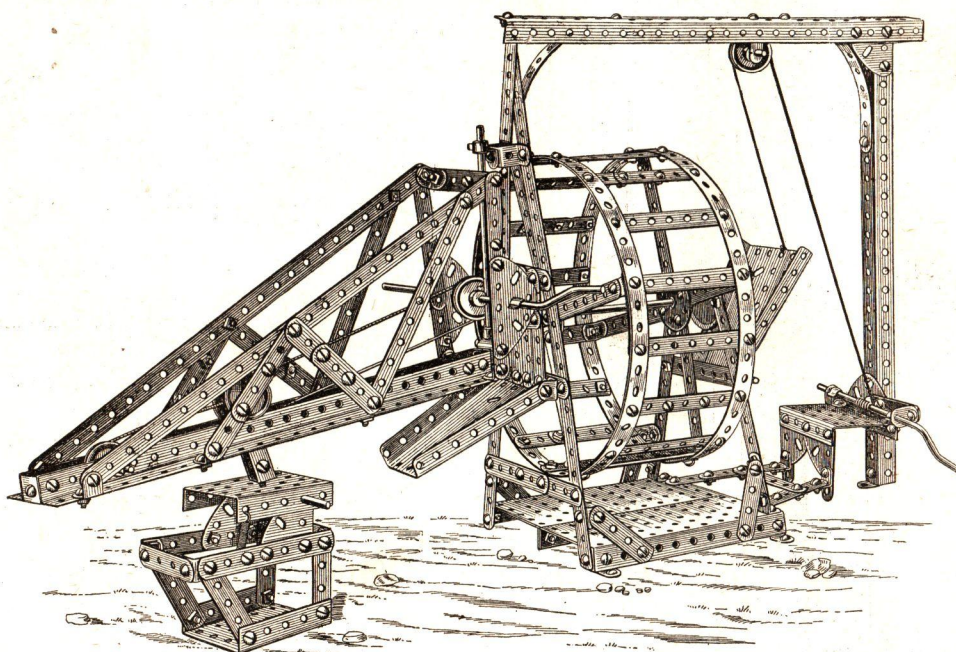


No. 83. Auto Dump Truck.



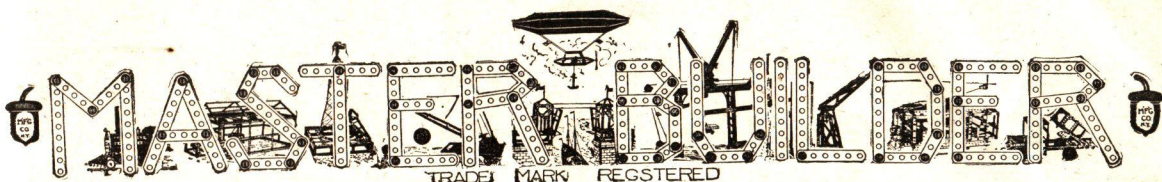
Cardboard for the radiator and top of seat will be found advisable. The front of the radiator is laced with cord. This model works splendidly when made up correctly. Take great pains with your work and you will be surprised at the results.

No. 84. Concrete Mixer.

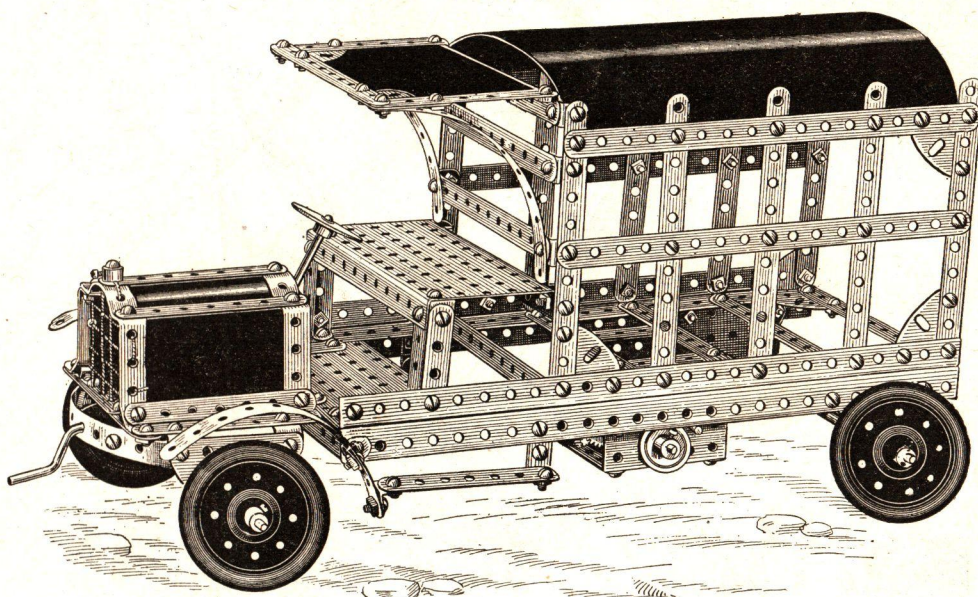


This model represents a typical concrete mixing machine. The drum is rotated by passing a belt over the pulley and attaching to a motor. Fasten the model to a board when completed.

These models built with Outfit No. 5 or (No. 4 and No. 4A).

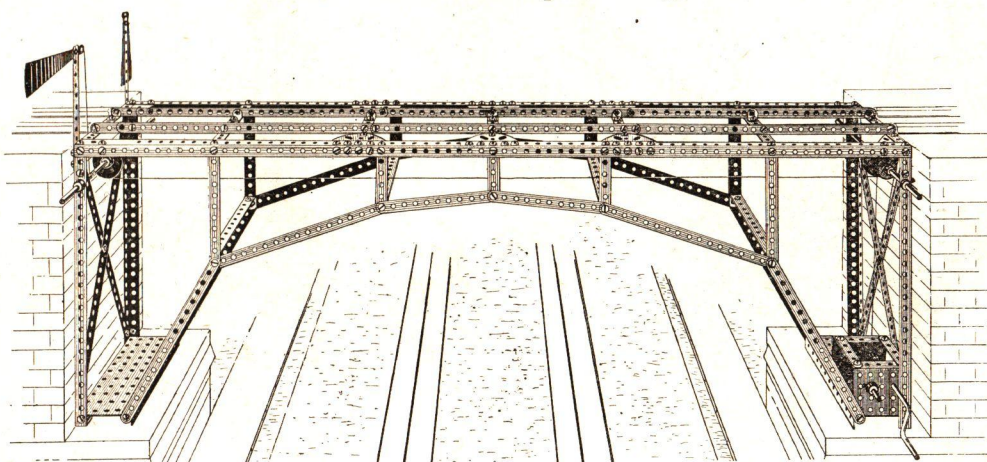


No. 85. Delivery Truck.



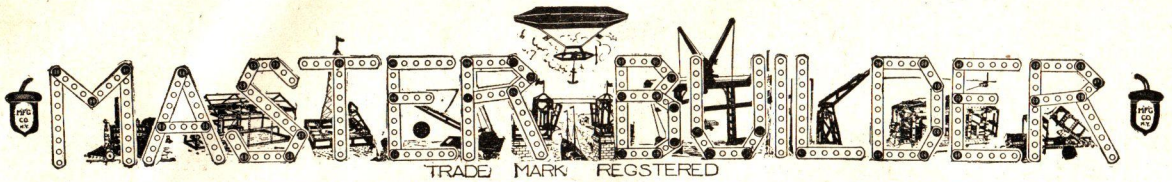
Use cardboard for the hood and radiator of the truck. The front of the radiator is laced with cord. The gear box is the same as Fig. 13, page 2.

No. 86. Arched-Span Bridge.

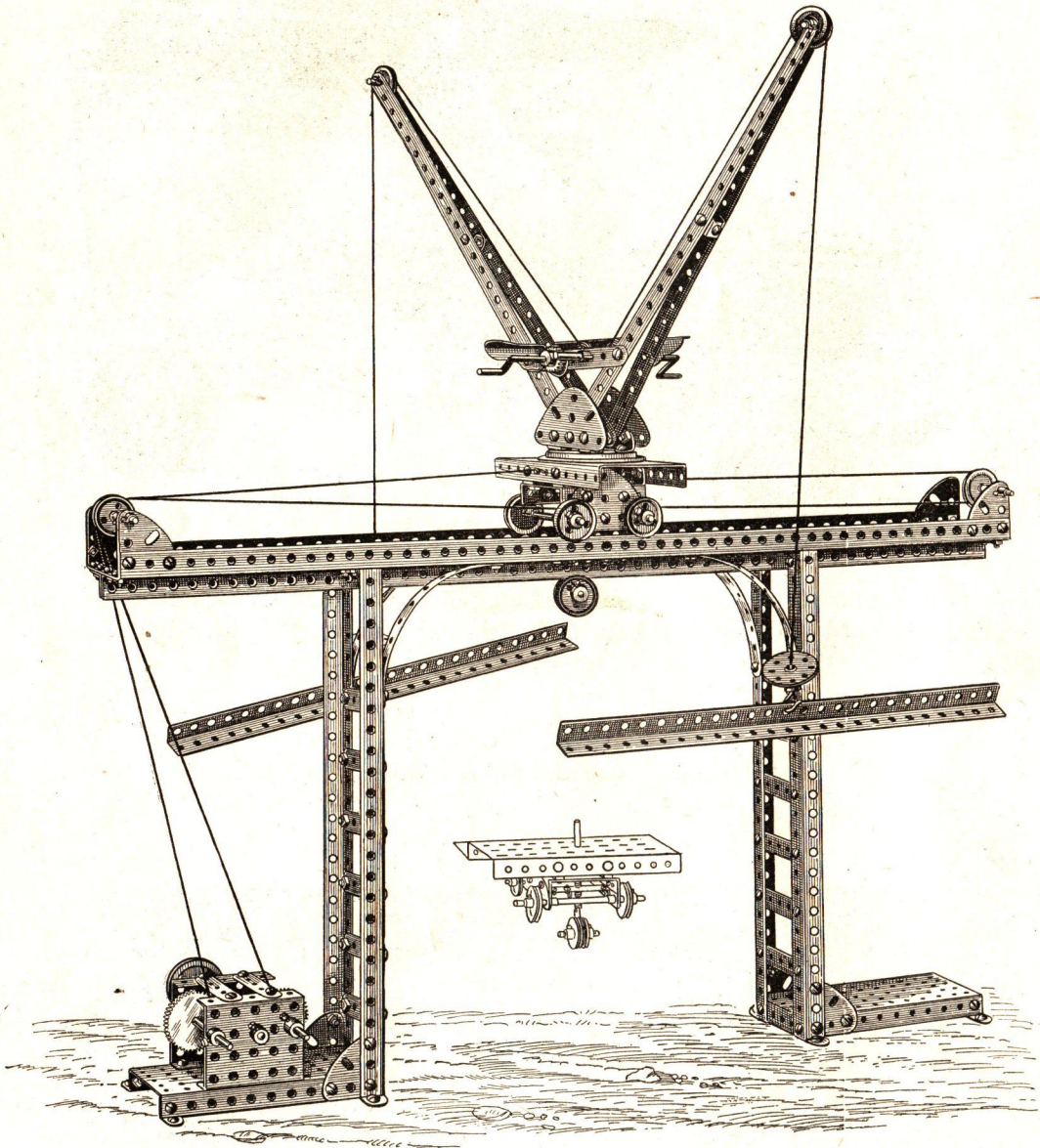


The gear box is the same as Fig. 13, page 2. The semaphore arms are illustrated in Fig. 11, page 2. Fasten the model to a board when completed.

These models built with outfit No. 5 or (No. 4 and No. 4A).

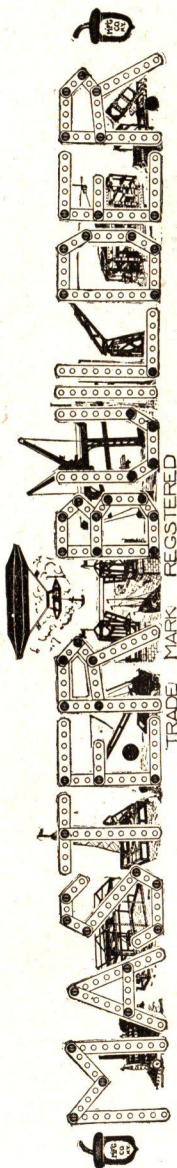


No. 87. Duplex Traveling Crane.



General Directions: The small sketch shows the construction of the wheel base of the crane. The two lower wheels are supported by a 1" spring as shown. The gear box construction is the same as shown in Fig. 14, Page 2. The pinions on the cranks are held by pawls as shown in the figure. The cord is wound so that pulling one way unwinds the cord from the other axle rod.

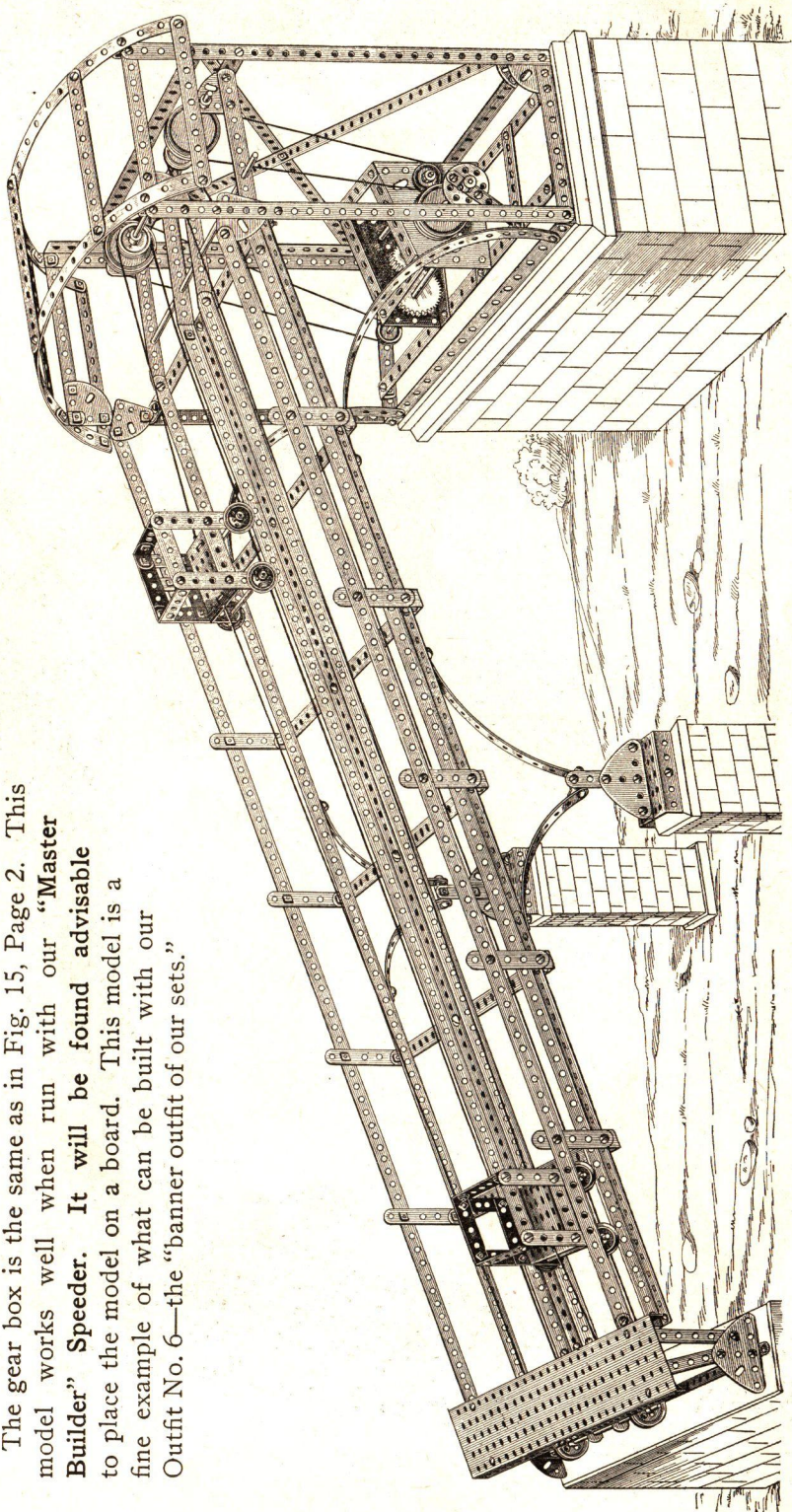
This model built with Outfit No. 6 or (No. 5 and No. 5A).



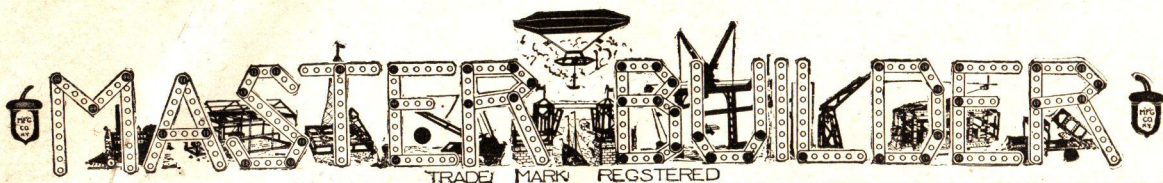
TRADE MARK REGISTERED

No. 88. Inclined Grain Elevator.

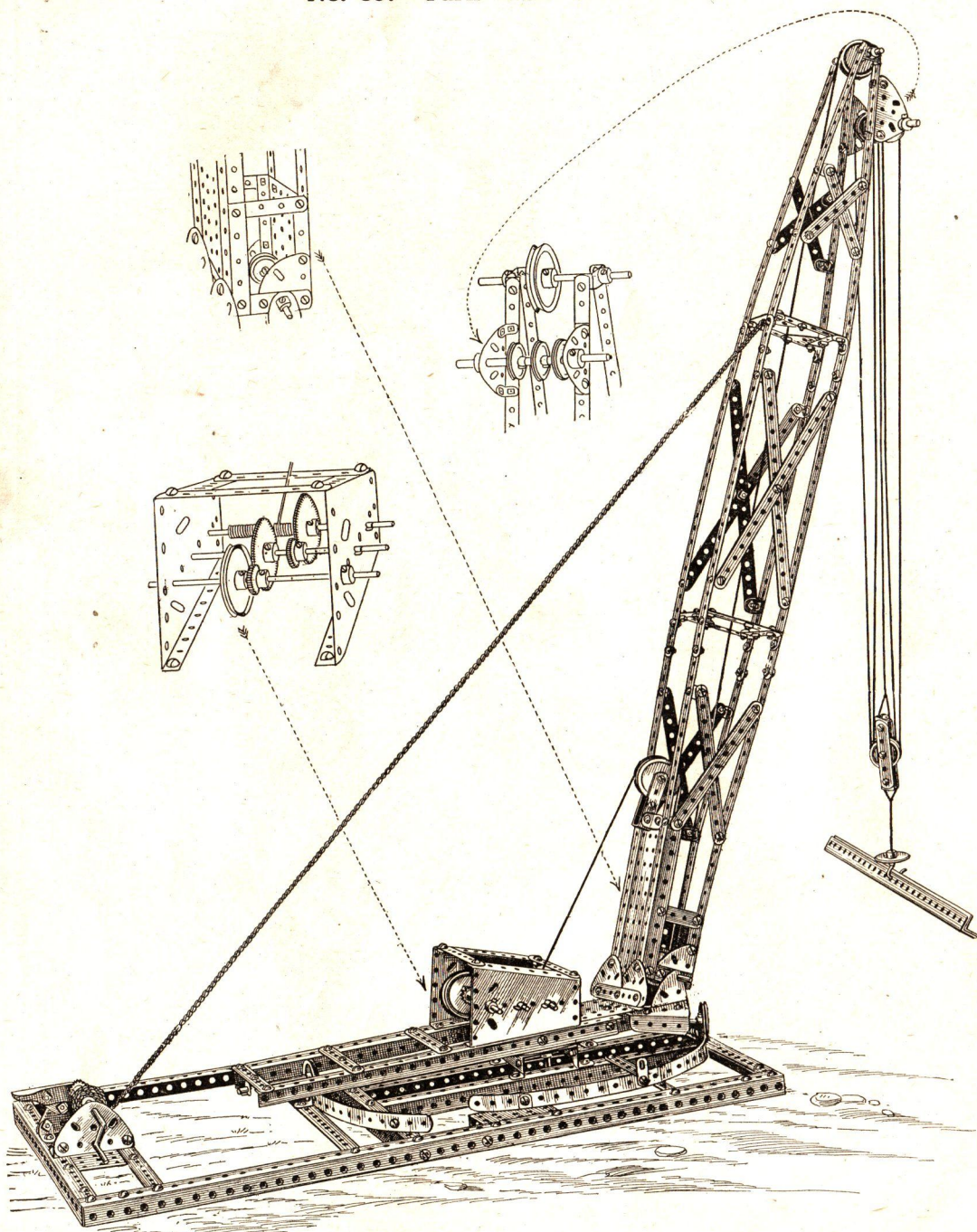
The gear box is the same as in Fig. 15, Page 2. This model works well when run with our "Master Builder" Speeder. It will be found advisable to place the model on a board. This model is a fine example of what can be built with our Outfit No. 6—the "banner outfit of our sets."



This model built with Outfit No. 6 or (No. 5 and No. 5A).

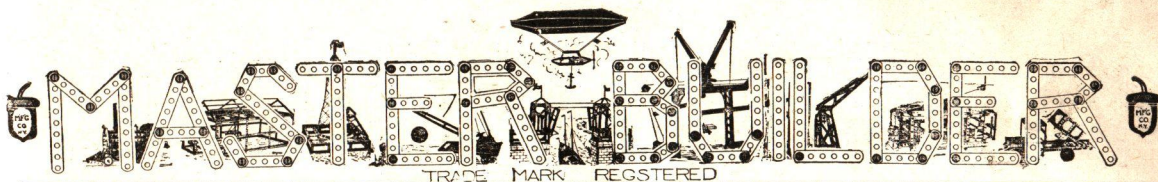


No. 89. Turn-Table Crane.

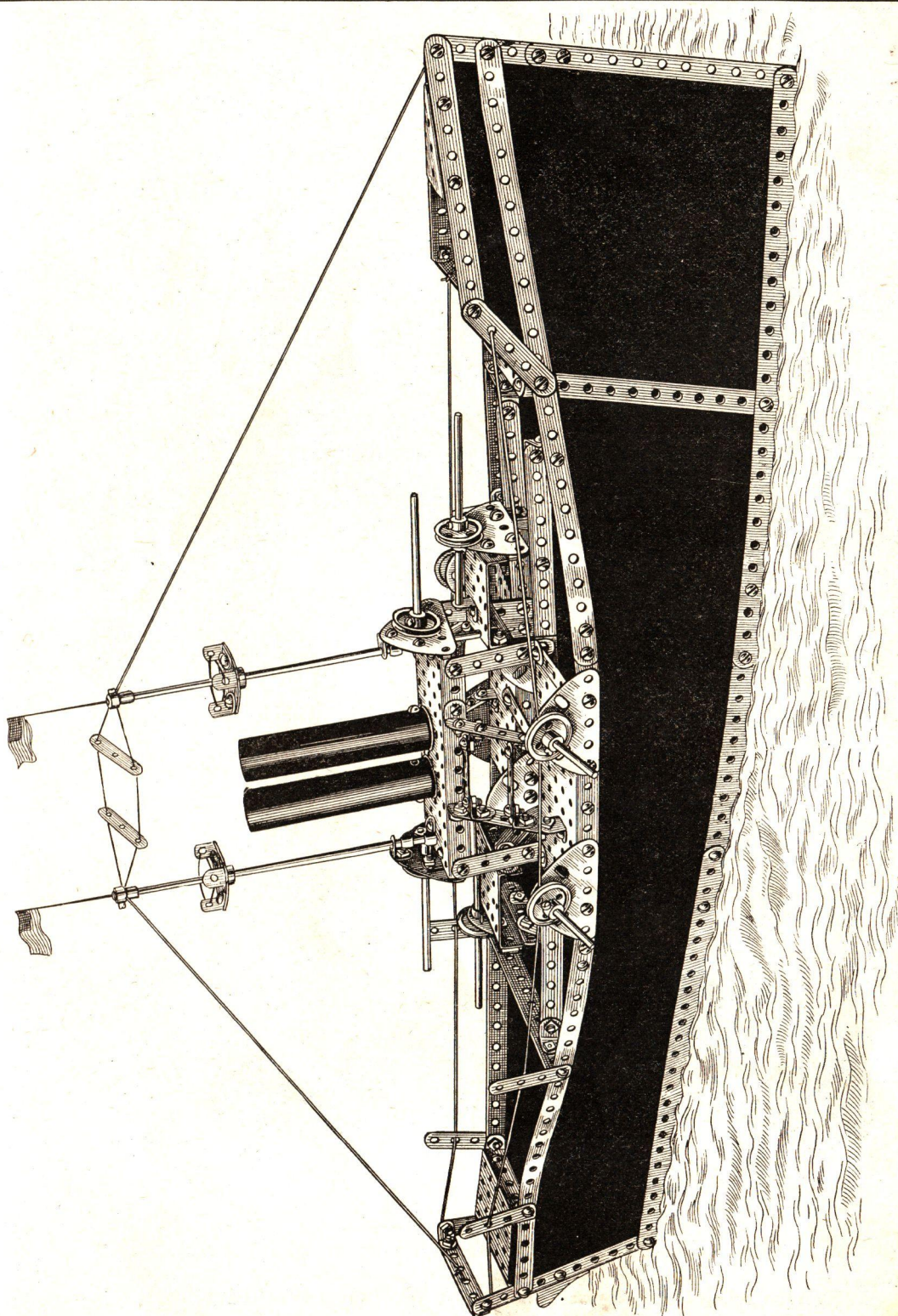


Fasten the model to a board to prevent it from tipping over.

This model built with outfit No. 6 or (No. 5 and No. 5A).

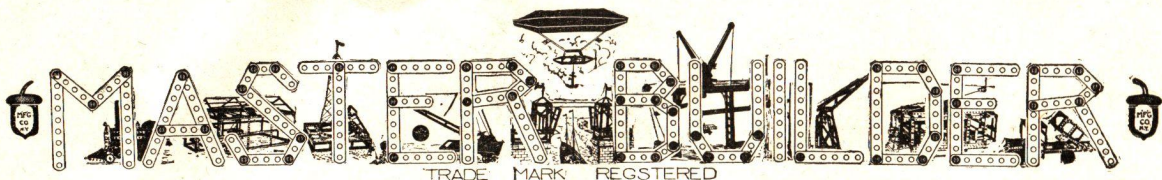


No. 90. Battleship.

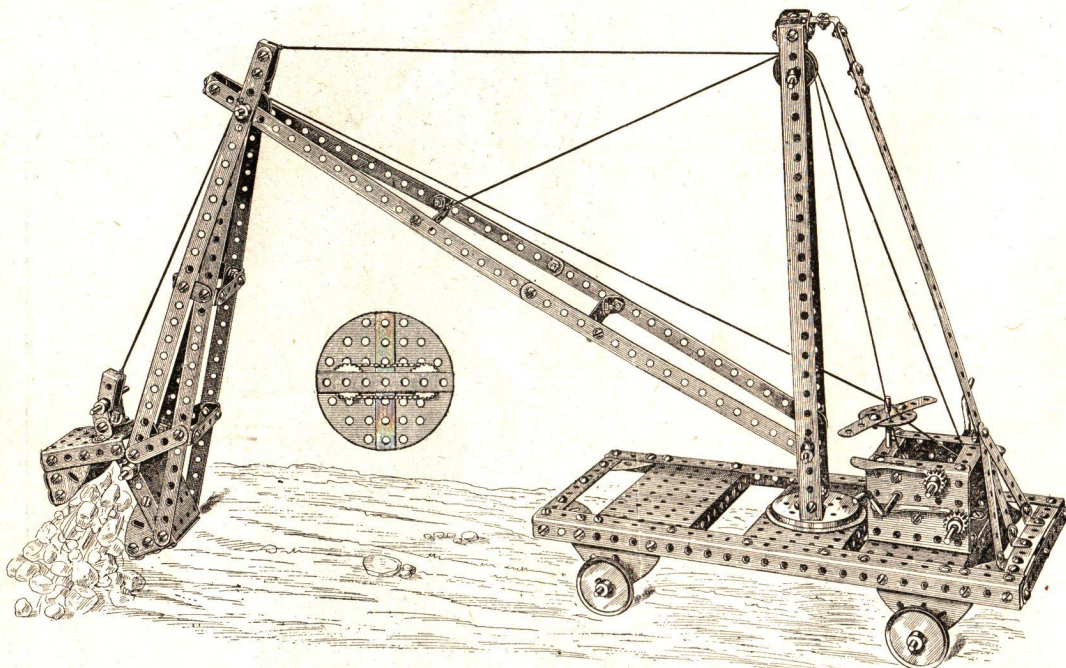


The model is greatly improved by using cardboard to fill out the hull as shown in the illustration.

This model built with Outfit No. 6 or (No. 5 and No. 5A).

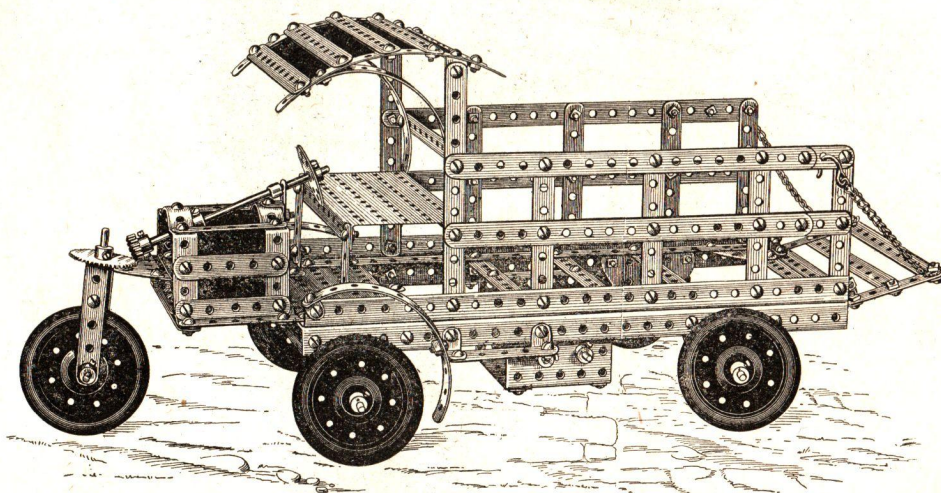


No. 91. Steam Shovel.



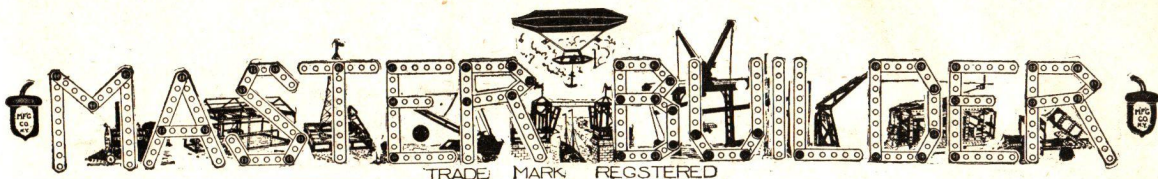
Circular sketch shows how vertical beam on the base plate is made to turn by turning the bush wheel on the gear box. By attaching a 1" spring to both jaws of the bucket they will close automatically. For pawl and pinion arrangement on gear box see Page 32, Fig. 19. The wheels are 1½" pulleys.

No. 92. 5-Wheel Auto Truck.

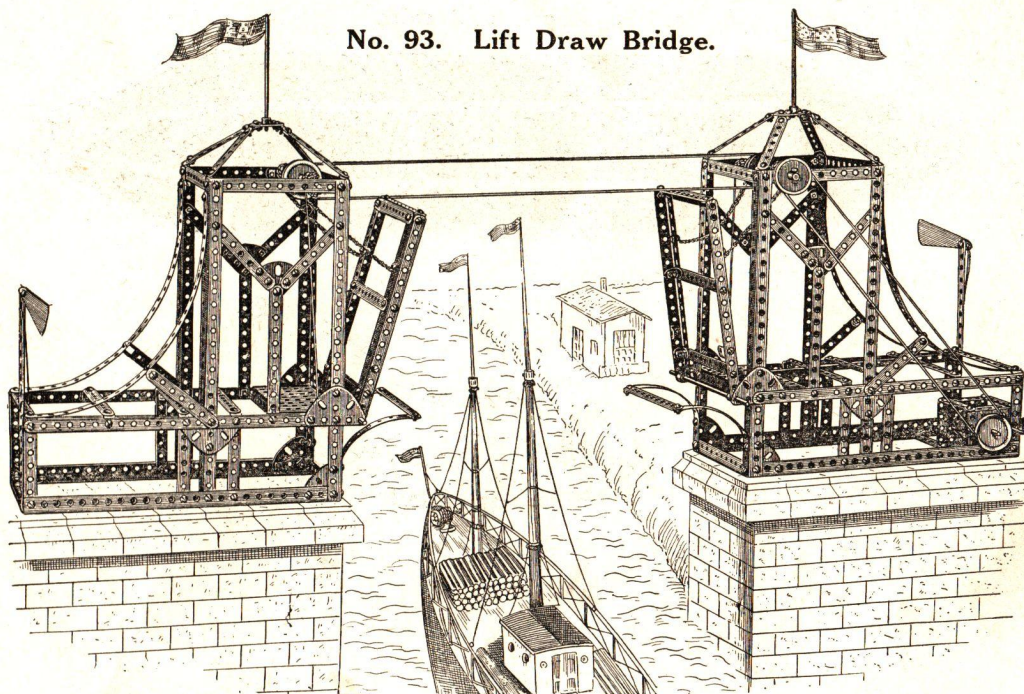


For gear box construction see Page 2, Fig. 13. Fork of front wheel uses a single bent strip.

These models built with Outfit No. 6 or (No. 5 and No. 5A).

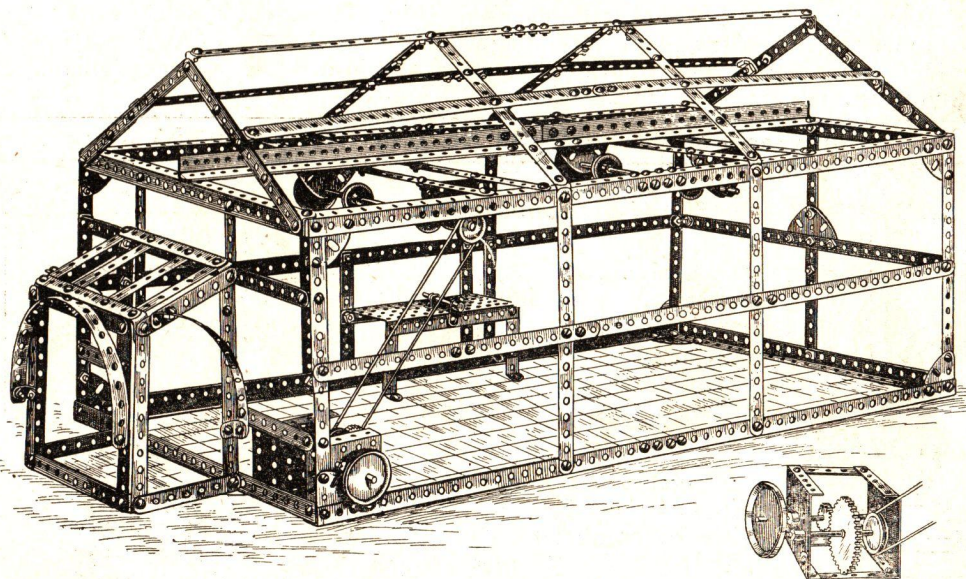


No. 93. Lift Draw Bridge.



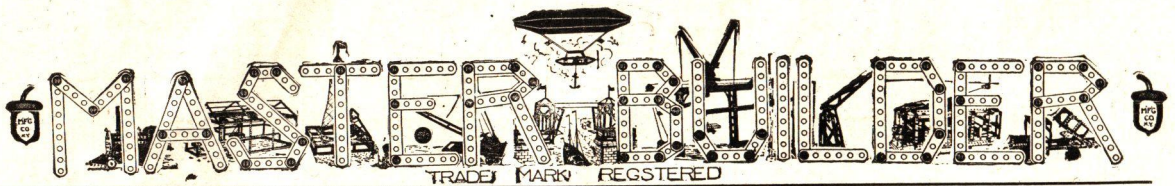
The shaft in the upper part of the right tower is made of two $5\frac{1}{2}$ " axle rods coupled as shown on page 2, Fig. 6. Semaphores are attached as on Page 2, Fig. 11. For gear box see Page 2, Fig. 13. For attaching sprocket chain to shaft see Page 2, Fig. 5.

No. 94. Machine Shop.

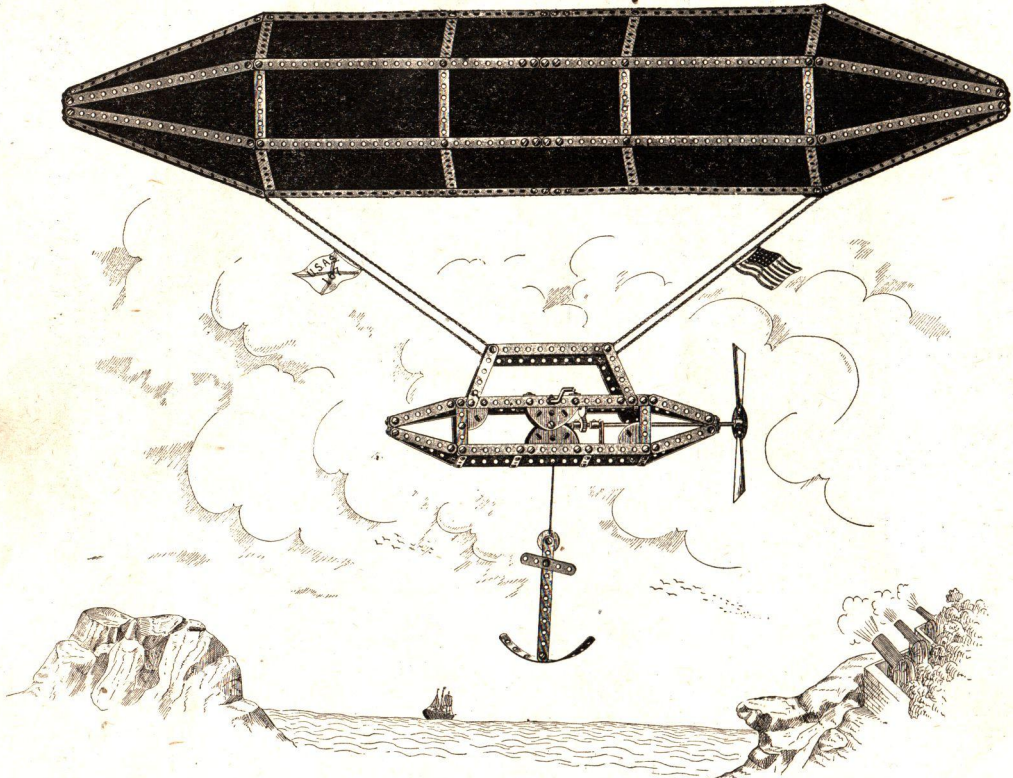


Small sketch shows gear box construction. T batten plates serve as hangers for the shafting. All machine shop models shown in this book can be used to run with the above model.

These models built with Outfit No. 6 or (No. 5 and No. 5A).



No. 95. Zeppelin Airship.



The propeller is fastened as shown in Fig. 12, page 2. The gear box arrangement is similar to Fig. 13, page 2. The body of the airship looks better when filled in with black cardboard as shown. The sprocket chains supporting the car are each 12" long.

This model built with Outfit No. 6 or (No. 5 and 5A).

Just A Few Details of Construction.

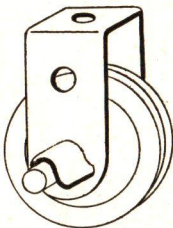


Fig. 17.

Showing how to use a single bent strip in connection with a pulley. Also shows the use of a clip.

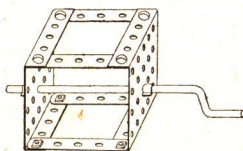


Fig. 18.

Showing the clip as used with a crank. The clip is a very useful part in this construction work.

The cut shows how a pawl and pinion are used. Learn its construction.

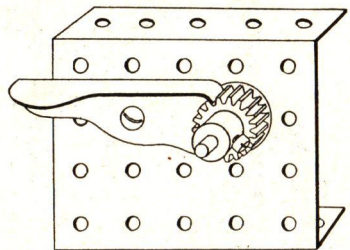


Fig. 19.

The cut shows how to bend an angle bracket to any shape desired.

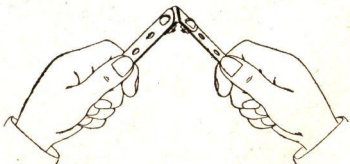
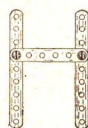
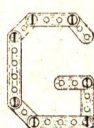
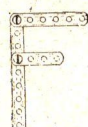
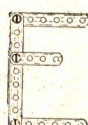
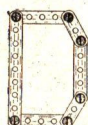
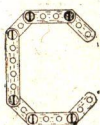
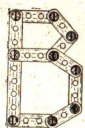
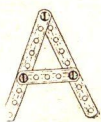


Fig. 20.

"Master Builder" Alphabet



FOR THE YOUNGER GENERATION:

The manufacturers of "Master Builder" have produced this toy—another article having all the good qualities of "Master Builder" construction.

"Master Builder" Alphabet is a construction toy designed to build letters, spell words and make real signs. It is ideal for doing your arithmetic and spelling lessons. As for sign and design work it is unsurpassed. The outfits are supplied with stands for the built-up letters, so that after once having built up a set of letters you can shift them around to suit your fancy.

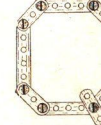
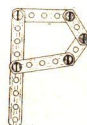
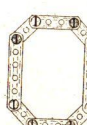
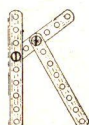
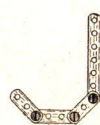
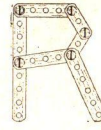
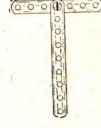
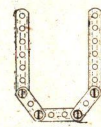
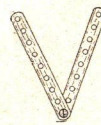
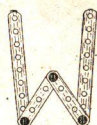
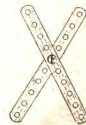
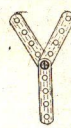
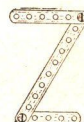
See Page 36 for prices. Catalogue mailed free on request.

Address your inquiry to:

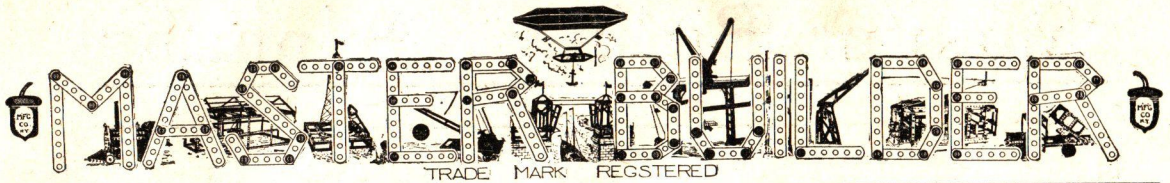
THE "MASTER BUILDER,"

Dept. A.

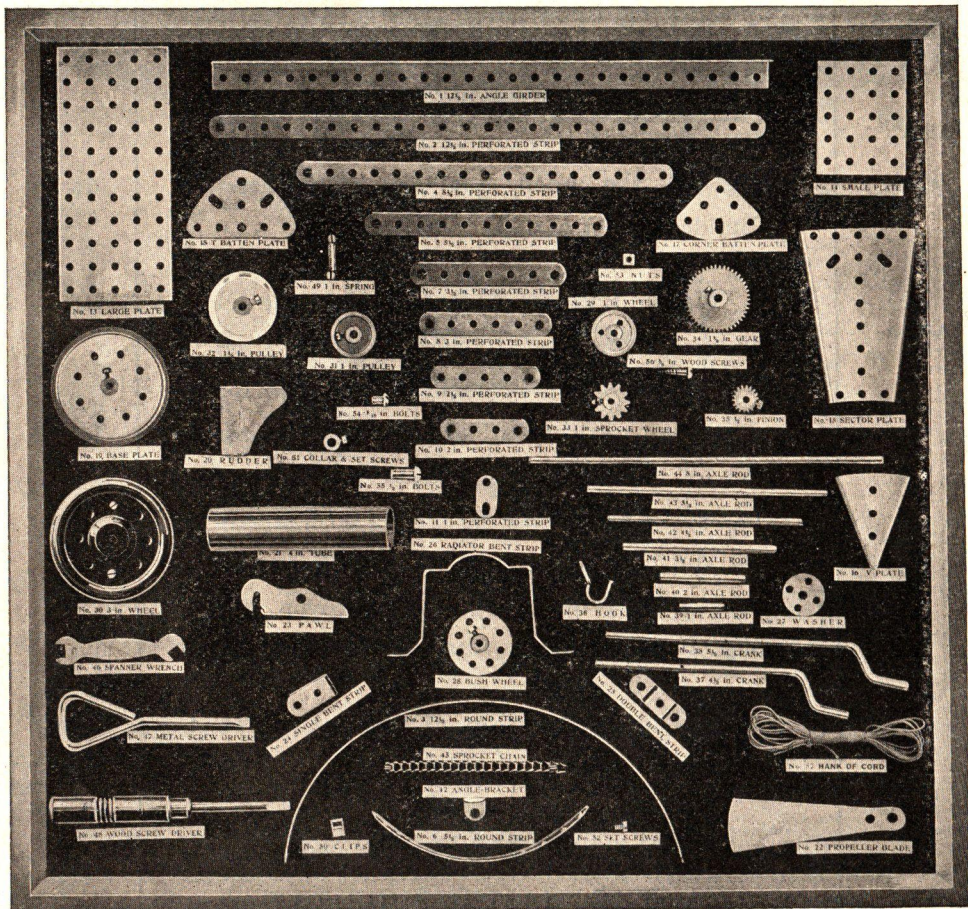
468 Broadway,
New York City.



These letters made with "Master Builder" Alphabet.



SEPARATE PARTS OF "MASTER BUILDER" OUTFITS.



The above illustration is for the purpose of aiding you in getting the name and list number of any part. For list of parts see next page.

In ordering separate parts refer to the list number and name as given on the next page. Write out plainly a complete list of the parts and quantities desired, enclosing the correct amount of money to cover the cost of same and sign your full name and address. Then send your order to:

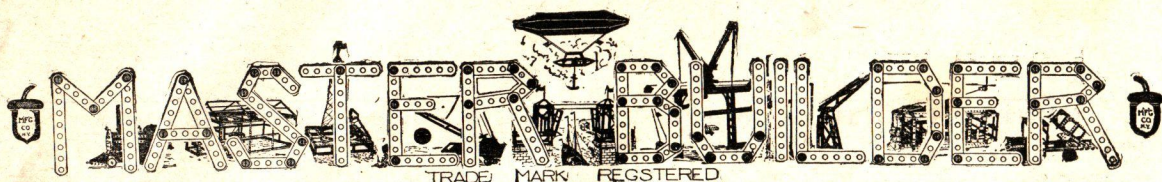
THE "MASTER BUILDER,"

468 Broadway,
New York City.

Order Dept.

CONTENTS OF OUTFITS AND PRICES OF "MASTER BUILDER" SEPARATE PARTS.

List No.	Names of Separate Parts	No. 10	No. 20	No. 25	No. 50	No. 50A	No. 1	No. 1A	No. 2	No. 2A	No. 3	No. 3A	No. 4	No. 4A	No. 5	No. 5A	No. 6	List Price
1	12½" Angle Brackets.....						4	4		4	4	2	6	4	10	4	14	7c each
2	12½" Perforated Strips.....								4		4	4	8	2	10	2	12	4c each
3	12½" Round Strips.....							4	4	4	8	2	2	2	4		4	5c each
4	8½" Perforated Strips.....											8	8	2	10	2	12	3c each
5	5½" Perforated Strips.....	2	2	4	8		8	16	24	16	40	2	42	2	44	4	48	25c doz.
6	5½" Round Strips.....										4	4	4	2	5		6	30c doz.
7	3½" Perforated Strips.....			2	2	2	4	4	8	12	20	2	22	2	24	4	28	18c doz.
8	3" Perforated Strips.....									4	4	2	6	4	10	2	12	16c doz.
9	2½" Perforated Strips.....	6	8	10	18		18		18	12	30	4	34	6	40	8	48	15c doz.
10	2" Perforated Strips.....									11	11	4	12	2	14	2	16	12c doz.
11	1" Perforated Strips.....									2	2	2	4	4	8	4	12	10c doz.
12	Angle Brackets.....	4	4	6	8	2	10	22	32	8	40	4	44	6	50	15	65	10c doz.
13	Large Plates.....				1	1	2		2		2		2		2	1	3	5c each
14	Small Plates.....	1	1	2	2		2		2		2		2	1	3		4	3c each
15	Sector Plates.....					1	1		1		1	1	2		2		2	5c each
16	V Plates.....							1	1		1		1		1	1	2	3c each
17	Corner Batten Plates.....									8	8		8	2	10	2	12	15c doz.
18	T Batten Plates.....									4	4		4	2	6	2	8	20c doz.
19	Base Plates.....													1	1		1	10c each
20	Rudders.....													1	1		1	3c each
21	4" Tubes.....													1	1	1	2	4c each
22	Propeller Blades.....													2	2		2	5c each
23	Pawls.....										1	1	1	1	2	1	3	5c each
24	Single Bent Strips.....							1	1		1	1	2		2		2	2c each
25	Double Bent Strips.....				1		1		1	1	2		2		2	1	3	2c each
26	Radiator Bent Strips.....													2	2		2	5c each
27	Washers.....	4	4	4	1							2	2	1	3	1	4	5c doz.
28	Bush Wheels.....					1	1		1		1	1	2		2		2	10c each
29	1" Wheels.....				4		4		4		4		4	1	5	1	6	3c each
30	3" Wheels.....													4	4	1	5	5c each
31	1" Pulleys.....					2	2	2	4		4		4		4	2	6	7c each
32	1½" Pulleys.....											2	2	1	3	1	4	10c each
33	1" Sprocket Wheels.....									4	4		4		4		4	7c each
34	1½" Gears.....													1	1	1	2	20c each
35	½" Pinions.....											1	1	1	2	1	3	25c each
36	Hooks.....				1		1		1		1	1	2		2		2	1c each
37	4½" Cranks.....				1		1		1		1		1		1	1	2	5c each
38	5½" Cranks.....							1	1		1		1		1		1	5c each
39	1" Axle Rods.....								1	1	1		1	1	2	1	3	1c each
40	2" Axle Rods.....								1	1	1	2		2	1	3	4	2c each
41	3½" Axle Rods.....					1	1		1		1	2	1	2	1	3	4	2c each
42	4½" Axle Rods.....									2	2		2	2	2		2	3c each
43	5½" Axle Rods.....									1	1		1	1	2		2	3c each
44	8" Axle Rods.....										1		1	1	2		2	4c each
45	1" Sprocket Chains.....									2	2	1	3	1	4		4	6c each
46	Spanner Wrenches.....				1		1		1		1		1		1		1	5c each
47	Metal Screw Drivers.....				1		1		1		1		1		1		1	5c each
48	Wood Screw Drivers.....												1	1			1	10c each
49	1" Springs.....																	3c each
50	Clips.....				2	1	3	1	4	2	6	2	8	2	10	5	15	5c doz.
51	Collars and Set Screws.....					2	2	1	3	1	4		4	2	6	4	10	5c each
52	Set Screws.....													2	2	2	4	5c doz.
53	Nuts.....	10	12	20	34	10	44	52	96	34	130	45	175	33	210	50	260	4c doz.
54	¼" Bolts.....				30	10	40	52	92	34	126	45	171	33	204	50	254	6c doz.
55	½" Bolts.....				4		4		4		4		4	2	6		6	8c doz.
56	½" Wood Screws.....					4	4		4		4		4	2	8		8	4c doz.
57	Hanks of Cord.....				1		1		1		1		1	2		1	3	3c each
58	Pamphlets of Instruction.....	1	1	1	1													Free
59	Books of Instructions.....					1	1		1		1		1		1		1	25c each



PRICES OF "MASTER BUILDER" OUTFITS.

No. 10.....	\$.10
No. 20.....	.15
No. 25.....	.25
No. 50.....	.50
No. 1.....	1.00
No. 2.....	2.00
No. 3.....	3.00
No. 4.....	5.00
No. 5.....	7.50
No. 6.....	10.00

PRICES OF "MASTER BUILDER" ACCESSORY SETS.

No. 50A (converts a No. 50 Set into a No. 1 Set).....	\$.50
No. 1A (converts a No. 1 Set into a No. 2 Set).....	1.00
No. 2A (converts a No. 2 Set into a No. 3 Set).....	1.00
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No. 5A (converts a No. 5 Set into a No. 6 Set).....	2.50

"Master Builder" Speeder.....	\$.75
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PRICES OF "MASTER BUILDER" ALPHABET SETS.

Set A	\$.50
Set B	1.00

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Builds 22 models.
Has 38 parts.

No. 25.

Builds 32 models
Has 70 parts

No. 50.

Builds 42 models.
Has 123 parts.

No. 1.

Builds 52 models.
Has 161 parts.

No. 2.

Builds 62 models.
Has 320 parts.

No. 3.

Builds 70 models.
Has 486 parts.

No. 4.

Builds 78 models.
Has 624 parts.

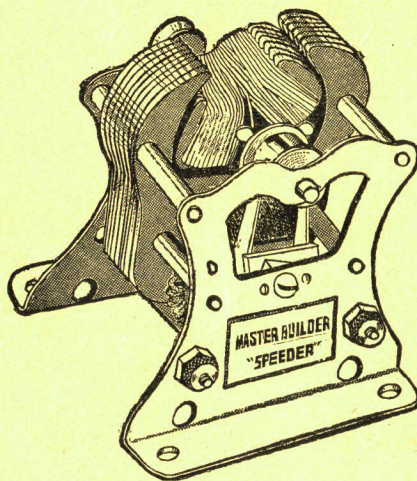
No. 5.

Builds 86 models.
Has 768 parts.

No. 6.

Builds 95 Models.
Has 951 parts.

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Stedman 610



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AT A GLANCE



“Master Builder”

10c to \$10.00

AND

“Master Builder” Alphabet

50c and \$1.00

