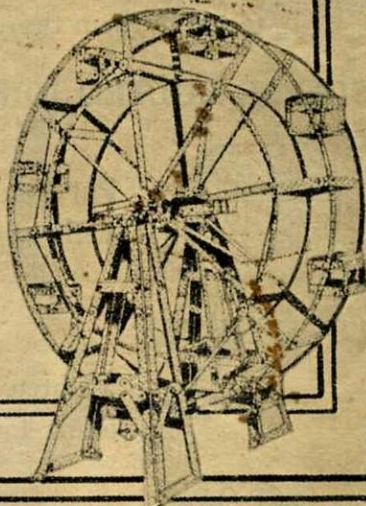


British Patent Nos.
363547-383087
383240-413963
Also patented abroad



PORTER

TRIX
TRADE MARK



150 TRIX MODELS

BUILT WITH ELEMENTRIX

ELEMENTRIX

contains 1 set TRIX No. 1 and 1 set TRIX No. 1a, and this Handbook shows 150 models which can be constructed.

ELEMENTRIX is specially designed as a foundation on which you can start a TRIX career. When you have experimented with this set you can add to it the famous boxes of TRIX 1, 1a or 2a, and very soon you will find yourself building engines, cranes, fire-escapes and windmills which work like the real things. You can construct great bridges, wireless masts, aeroplanes and suspension ferries.

These larger models, made with boxes Nos. 1 and 1a, can be found in TRIX Book No. 1, which contains over a hundred fine models with clear instructions and illustrations.

When Book No. 1 is mastered, the ambitious boy will want to proceed with Book No. 2, making still larger models, introducing TRIX set No. 2a, containing 44 parts. Now you will have no difficulty with the help of this book in building detailed models to scale of Sir Malcolm Campbell's "Bluebird" racing car, motor cycle, tip lorry, mechanical navvy and railway crane, etc. Book No. 2 has also a special supplement, introducing the TRIX Electric Motor, and shows you some of its many uses.

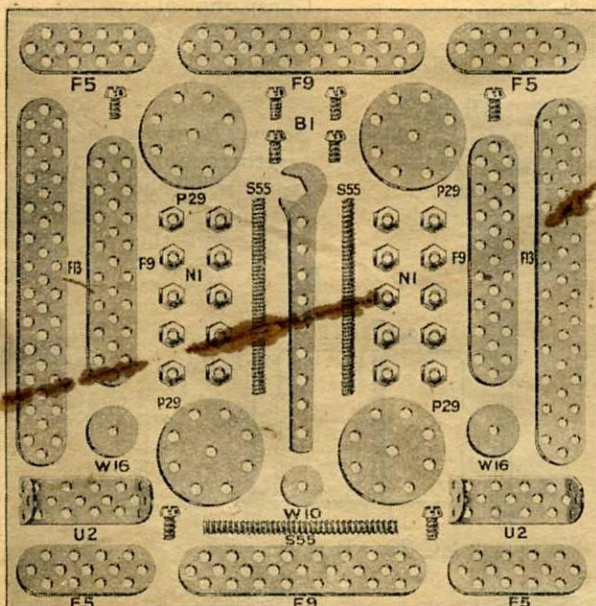
Book No. 3, the master model maker's triumph, gives still more scope to the budding engineer and tells you all about TRIX Gears and Motors, which disclose almost endless possibilities in model making.

LET ELEMENTRIX BEGIN YOUR CAREER!

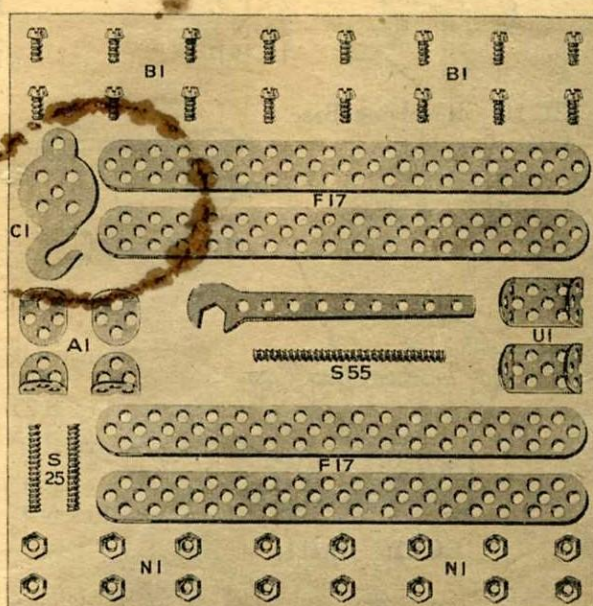
We are always willing to help TRIX enthusiasts, so if you get any brilliant ideas or should you be in any difficulty in constructing models, write direct to:—

TRIX INFORMATION BUREAU 4, Golden Lane, London, E.C.1.

TRIX No. 1.



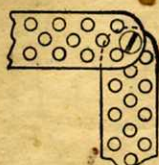
TRIX No. 1a.



ELEMENTARY CONSTRUCTIONS.

These elementary constructions recur in all models. You are therefore recommended to study them thoroughly before attempting the models themselves.

SIMPLE BOLTED JOINT.

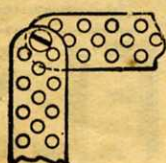


Put bolt through parts you wish to join together. Tighten nut with spanner provided. Any strip can be used as a screw-driver.

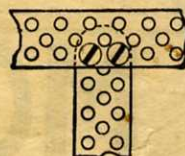
LOCK NUTS.



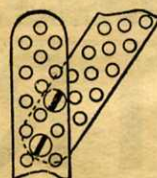
Tighten a second nut against the first one. This prevents the joints loosening.



EC 1. Simple Bolted Joint.



EC 2. Double Bolted Joint. Securing against side turning.



EC 3. Angle Bolted Joint.



EC 4. Lap Bolted Joint.



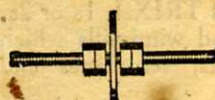
EC 5. Butt Joint.



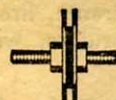
EC 6. Double Butt Joint.



EC 7. Strip joined in U-piece. Securing against side turning.



EC 9. Loose Wheel.
Consisting of:—
1×S 25 or S 55
4×N 1
1×P 29 or W 10 or W 16



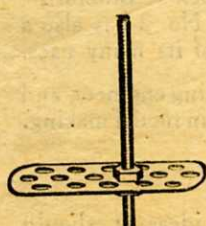
EC 10. Pulley (large).
Consisting of:—
1×S 25 or S 55
2×N 1
2×P 29
1×W 16



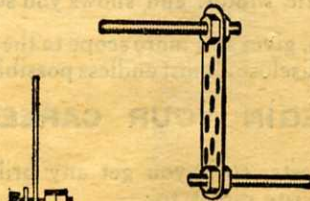
EC 11. Pulley (small).
Consisting of:—
1×S 25 or S 55
2×N 1
2×W 16
1×W 10



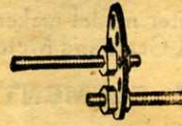
EC 12. Shaft coupling.
Consisting of:—
2×S 25 or S 55
4×N 1
1×U 1 or U 2



EC 13. Fixed Screw in strip.
Consisting of:—
1×F 5, etc.
1×S 25 or S 55
2×N 1



EC 14. Crank.
Consisting of:—
1×F 5, etc.
4×B 1
2×S 25 or S 55



EC 15. Crank Wheel.
Consisting of:—
1×P 29
4×N 1
1×S 55
1×S 25



EC 16. Crank.
Consisting of:—
1×C 1
4×N 1
1×S 25
1×S 55



EC 17. Loose Joint. Consisting of:—
2×F 5, etc.
2×N 1
1×B 1

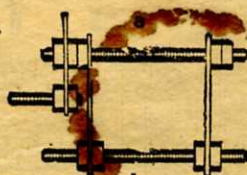


EC 18. Loose Joint.
Consisting of:—
2×F 5, etc.
2×N 1
1×B 1



EC 19. Lock Nuts.
Consisting of:—
1×S 25 or S 55
4×N 1

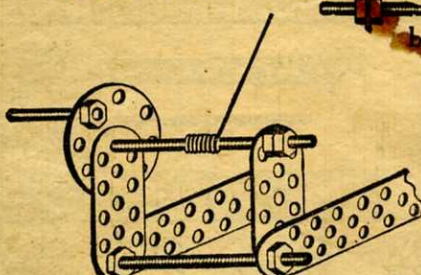
EC 20. Revolving Base.
Consisting of:—
2×U 1 or U 2
4×N 1
1×S 25 or S 55



EC 21. BRAKE.

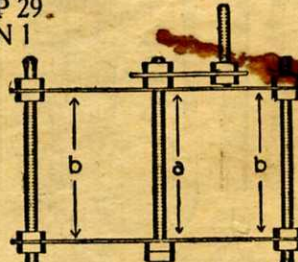
Instead of ratchet wheels, etc.
Consisting of:—
2×F 5, etc.
2×S 55
1×S 25
1×P 29
11×N 1

Screw the upper spindle together until Distance a is a trifle shorter than Distance b. The flexible strips will then act as brakes.



EC 22. Brake.

Consisting of:—
1×P 29
1×S 25
2×S 55
2×F 5
2×F 9
10×N 1

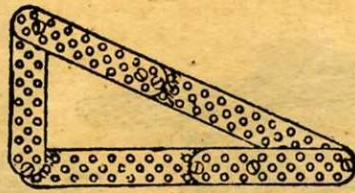


EC 23. Brake.

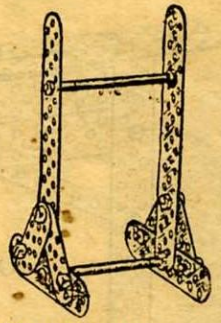
Consisting of:—
1×S 25
3×S 55
1×F 5
2×F 9
14×N 1



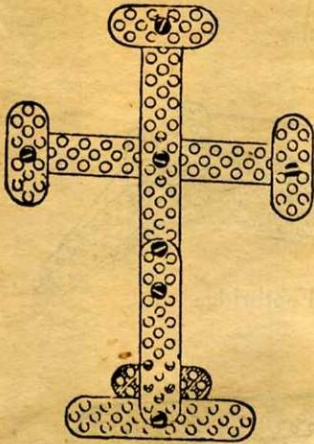
45° Angle



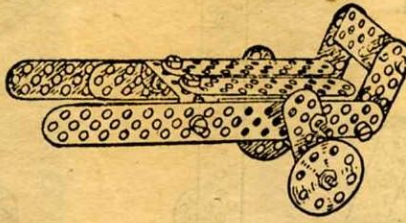
30° Angle



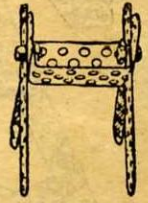
Horizontal bar



Cross



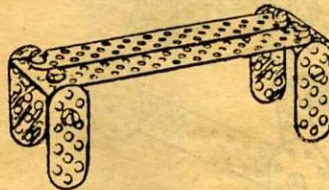
Trolley



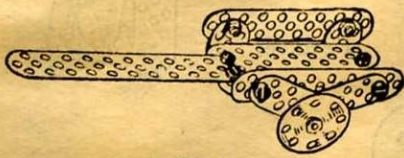
Trough



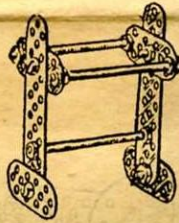
Stool



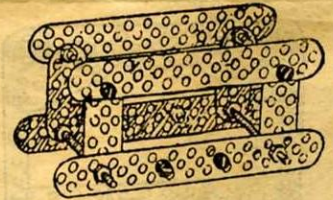
Bench



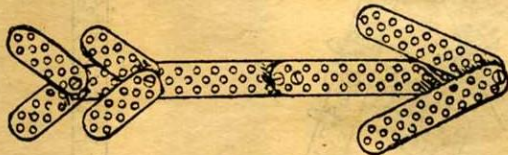
Cart



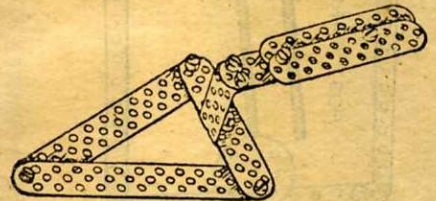
Umbrella Stand



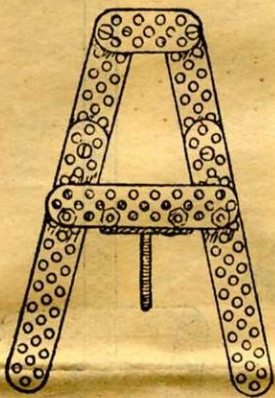
Parallel Bars



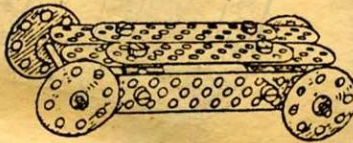
Arrow



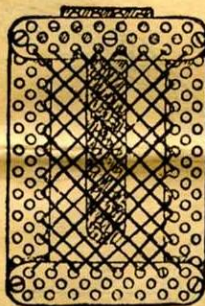
Trowel



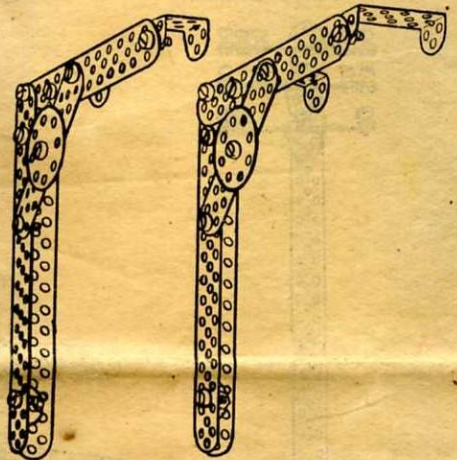
Easel



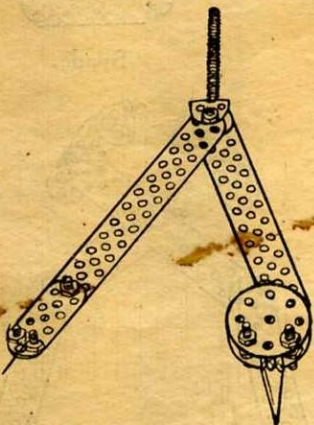
Truck



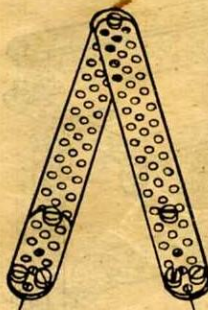
Sand sieve



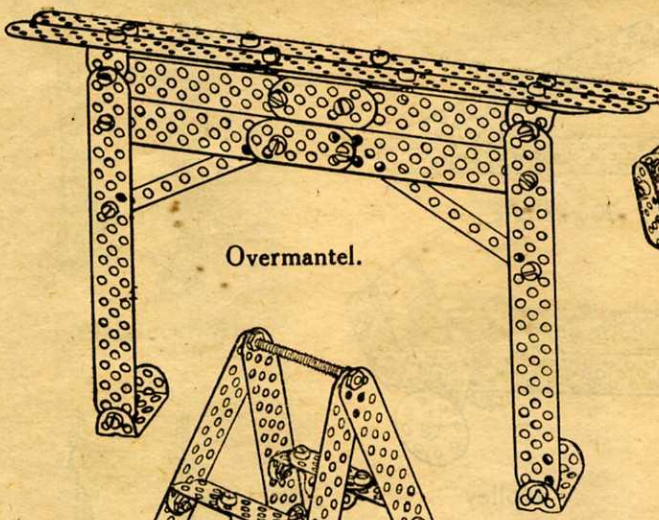
Shelf Brackets



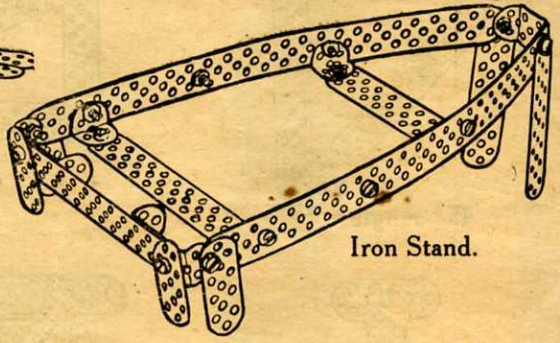
Compass and Dividers



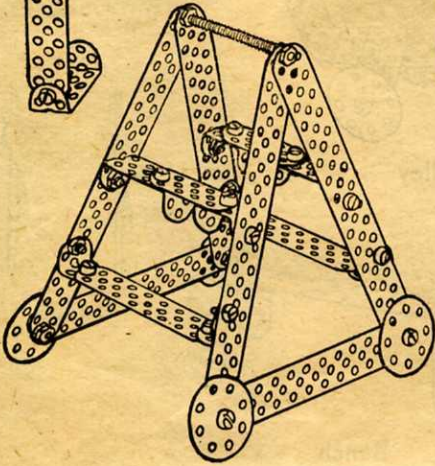
Calipers



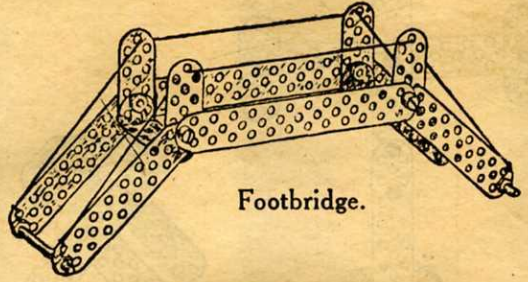
Overmantel.



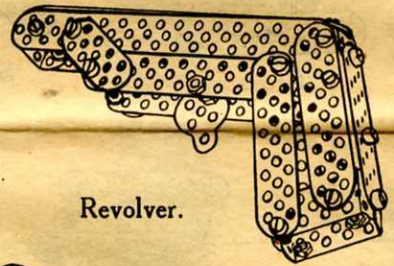
Iron Stand.



Step-ladder on wheels.



Footbridge.



Revolver.

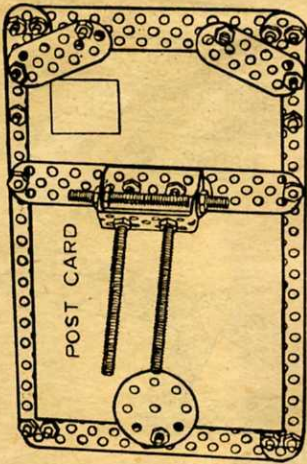
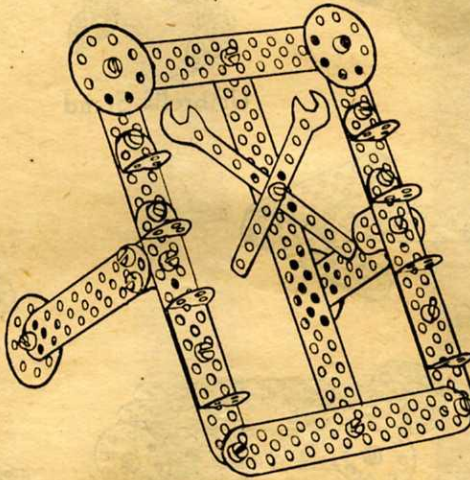


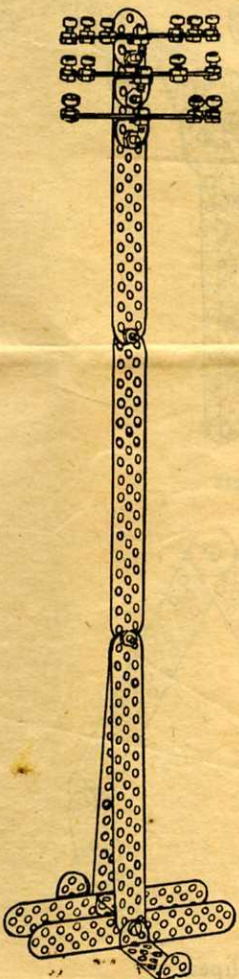
Photo Frame.



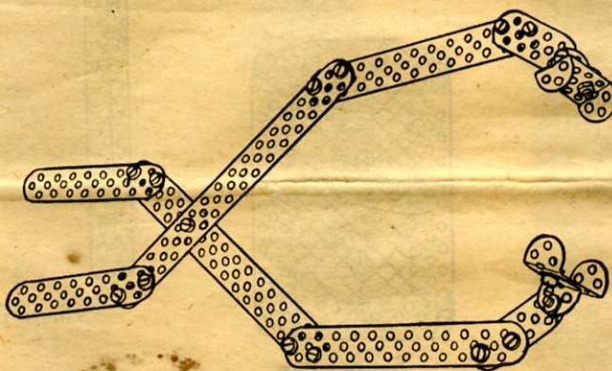
Pen Rack.



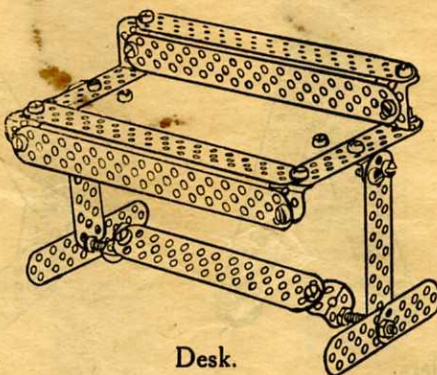
Spade.



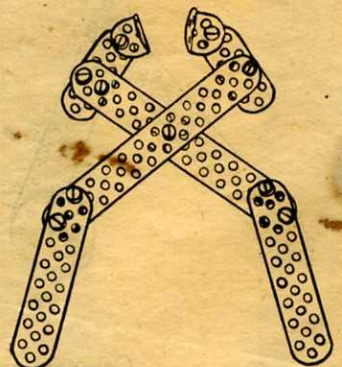
Telegraph Pole.



Coal Tongs.



Desk.



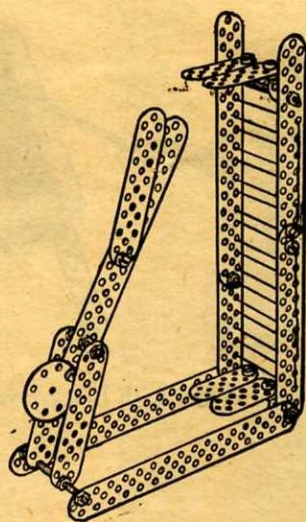
Pinchers.



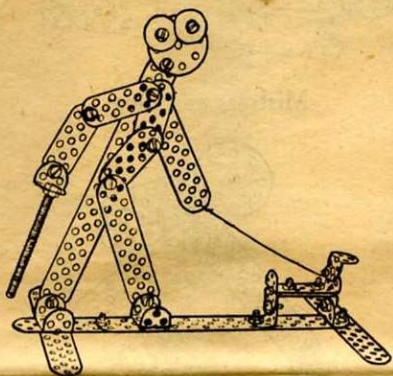
Soldiers.



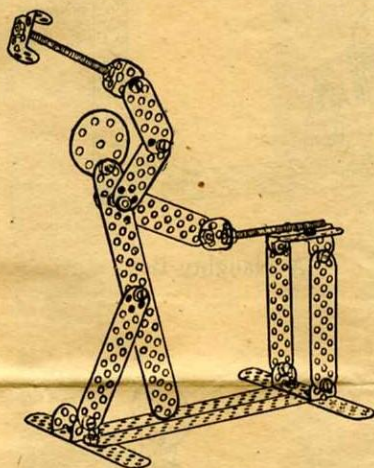
In the Park.



The Diver.



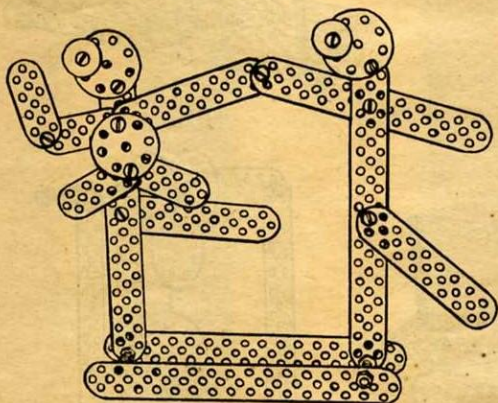
Master and Dog.



Blacksmith.



Footballer.



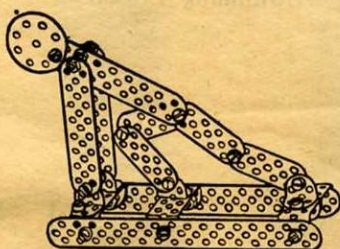
Ballet Dancers.



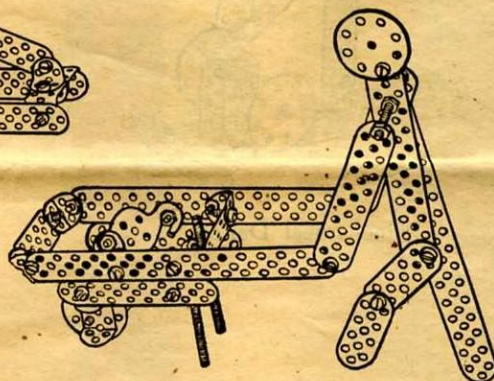
Tennis Player.



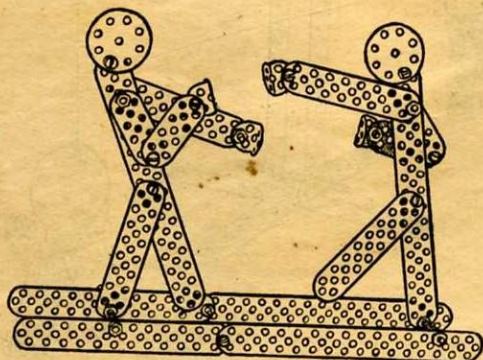
Skier.



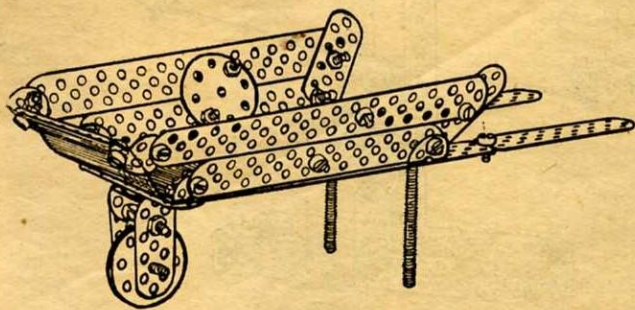
Sprinter.



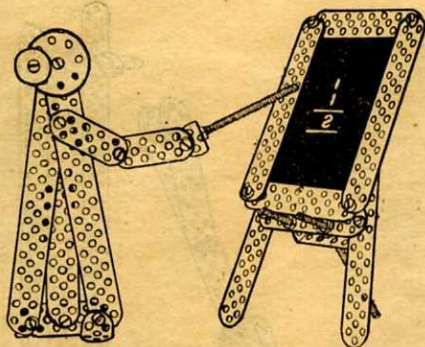
Gardener with Wheelbarrow.



Boxers.



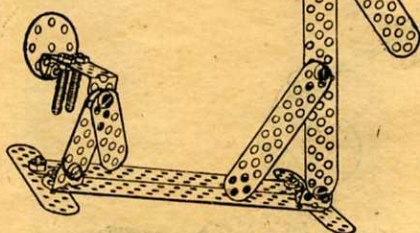
Wheelbarrow.



Teacher with Black-Board.



Mistress and Dog.



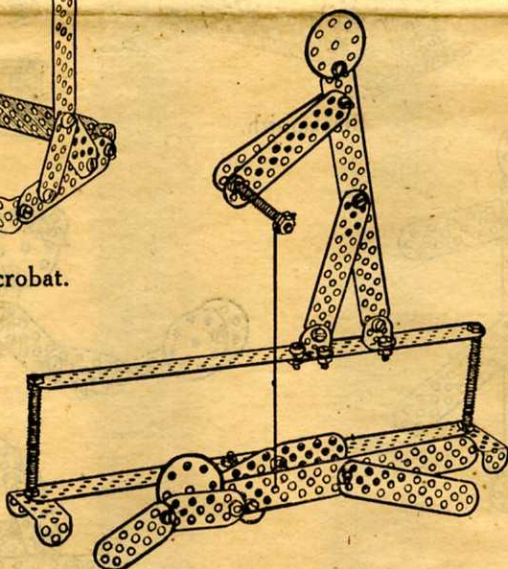
A Naughty Boy.



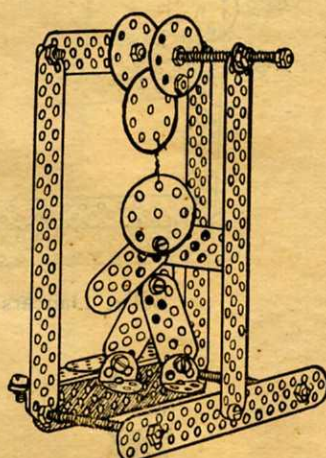
Horizontal bar acrobat.



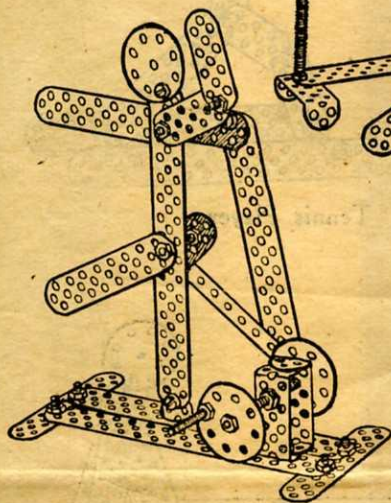
Hiker.



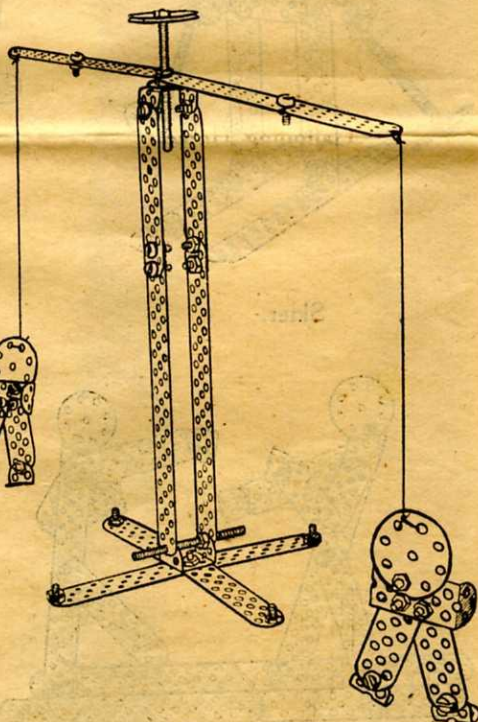
Swimming Lesson.



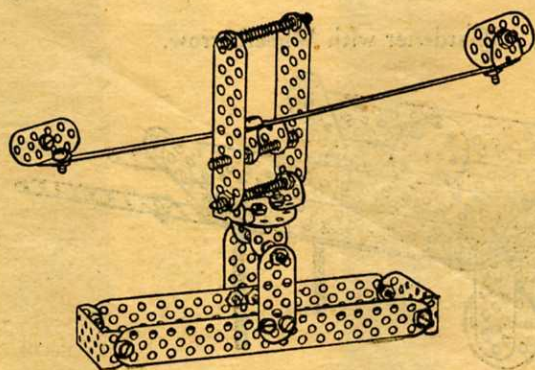
Marionette.



Mechanical Dancer.



Merry-Go-Round.



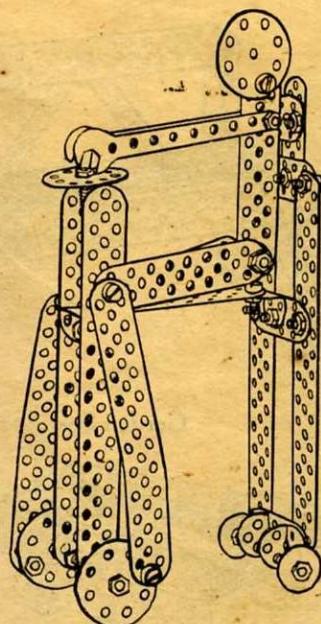
Revolving See-Saw.



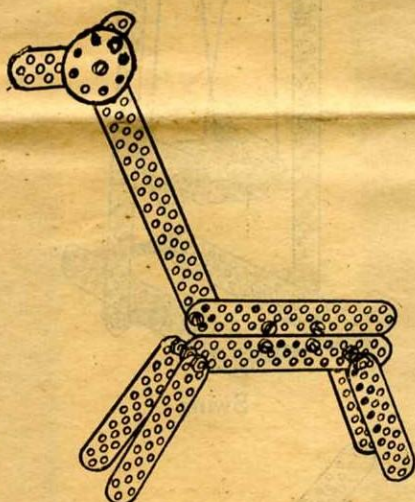
Policeman on Point Duty.



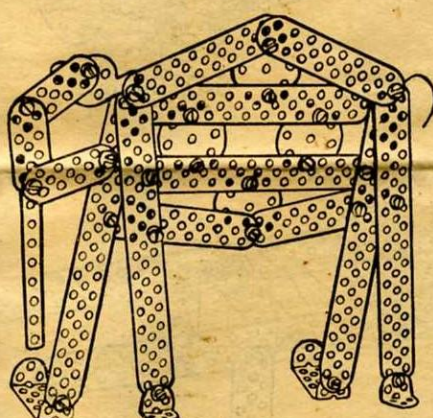
Dancer.



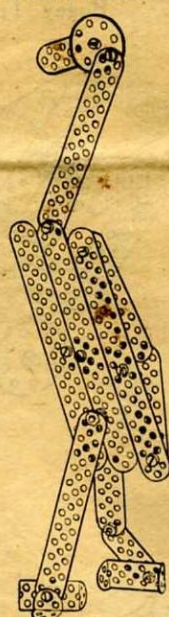
Mechanical Man.



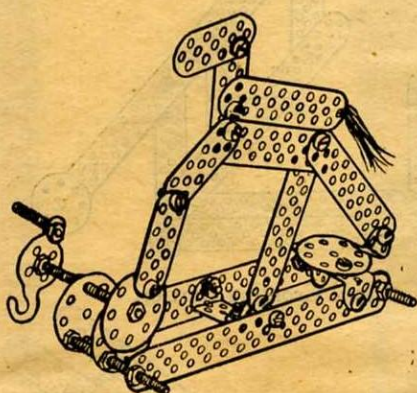
Giraffe.



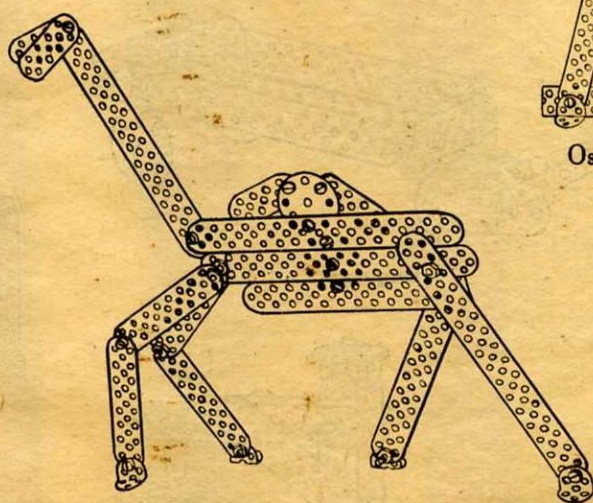
Elephant.



Ostrich.



Galloping Horse.



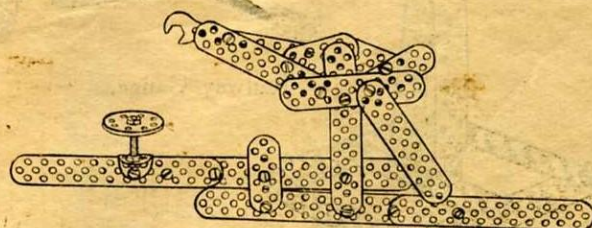
Camel.



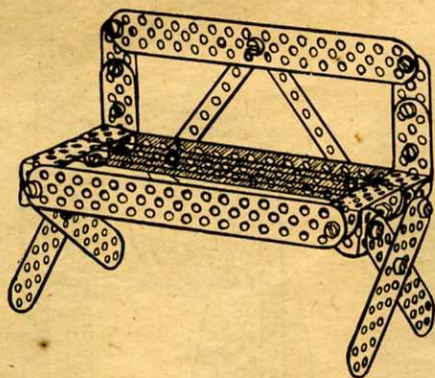
Stag.



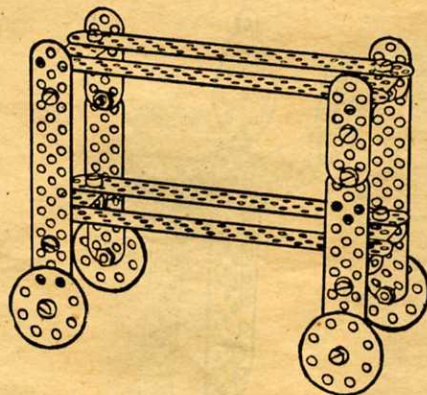
Dinosaur.



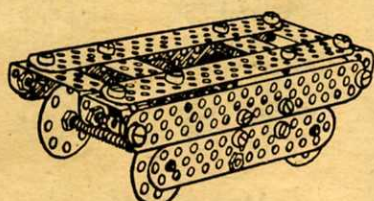
Pecking Hen.



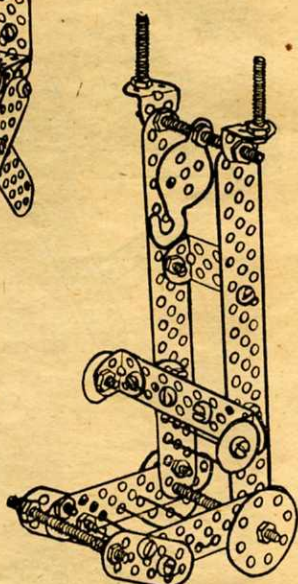
Garden Seat.



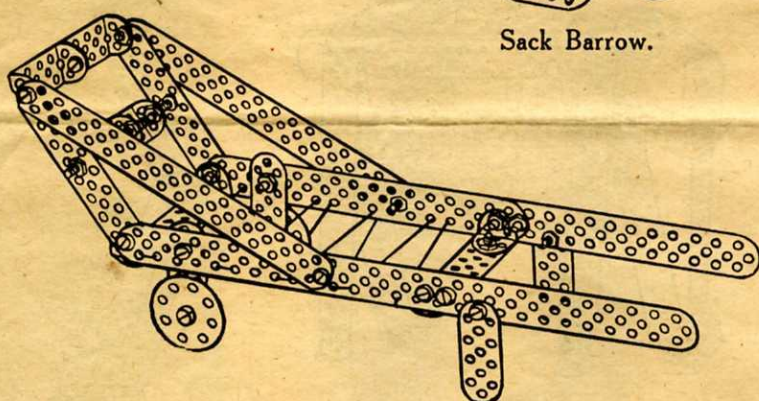
Tea Trolley.



Bogey Truck.



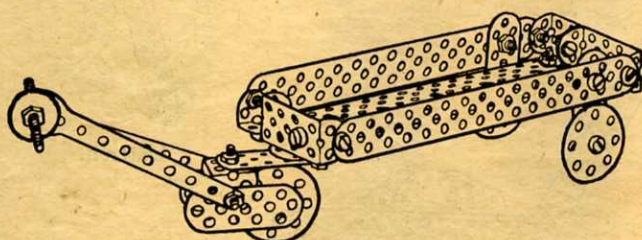
Sack Barrow.



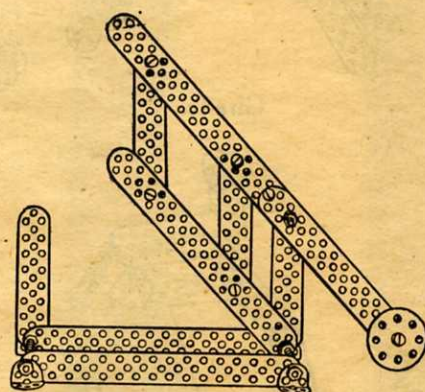
Coster's Barrow.



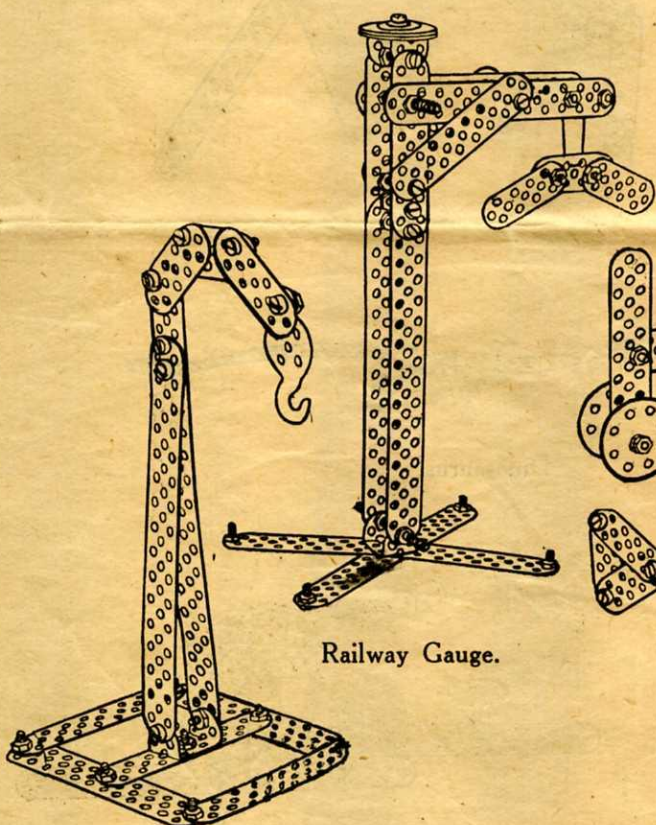
Swing.



Luggage Cart.



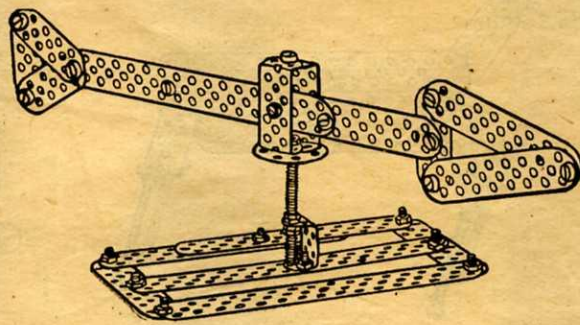
Level Crossing Barrier.



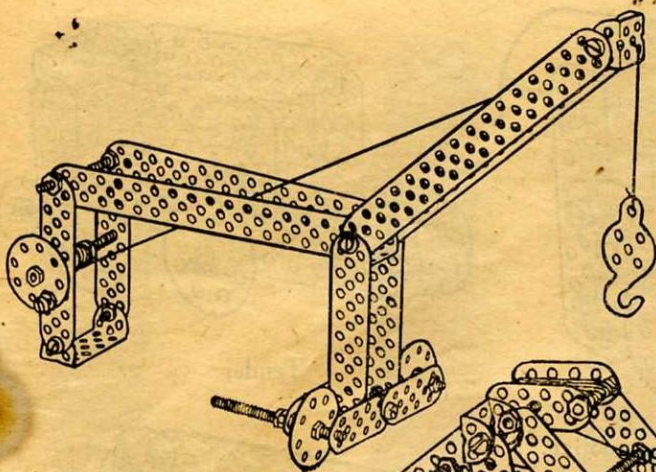
Mail Bag Carrier.



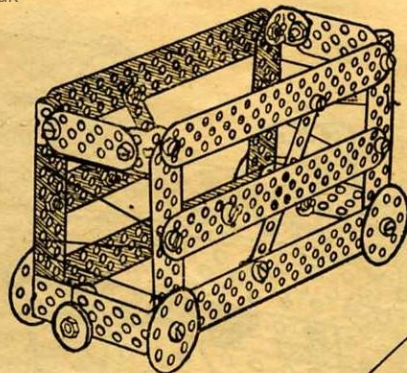
Scarifier.



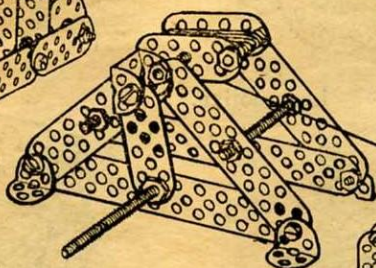
Weather Vane.



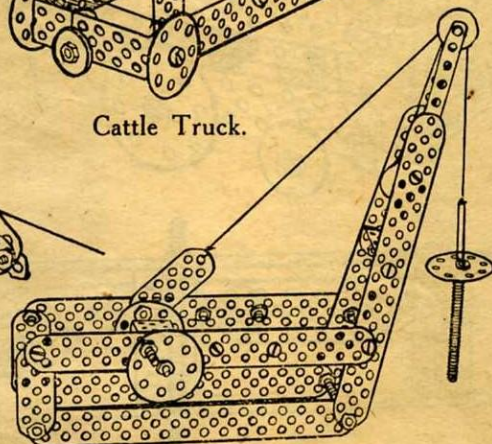
Crane.



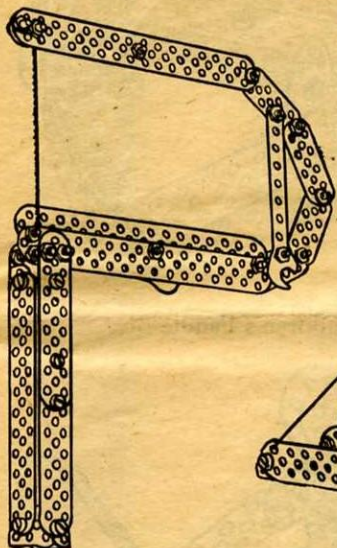
Cattle Truck.



Yarn Winder.



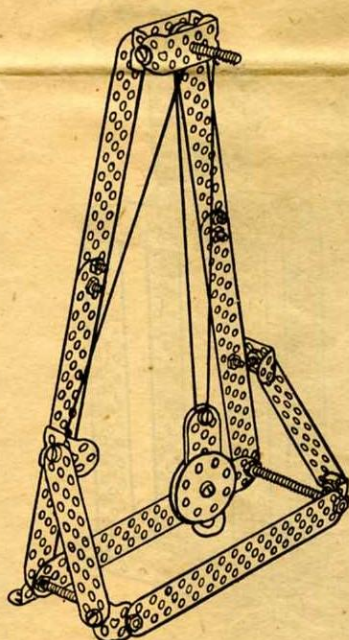
Well Borer.



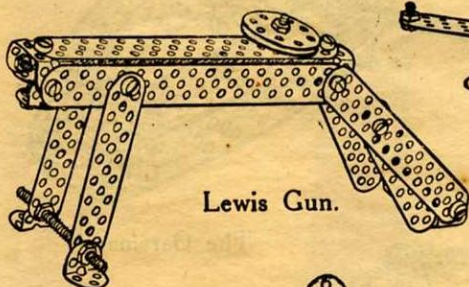
Fret Saw Frame.



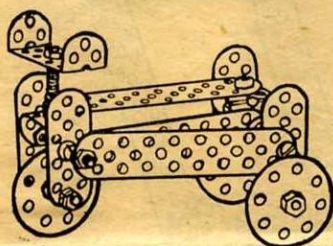
Scales.



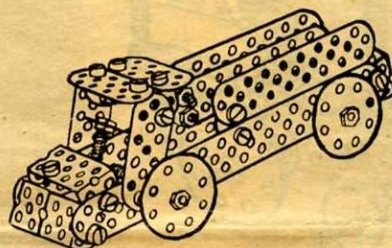
Pulley Block Hoist.



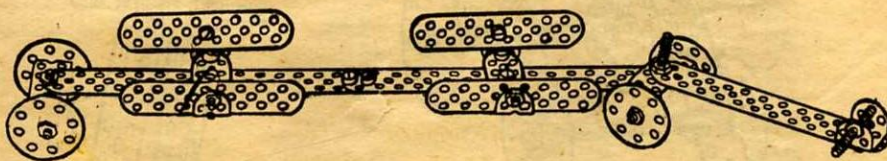
Lewis Gun.



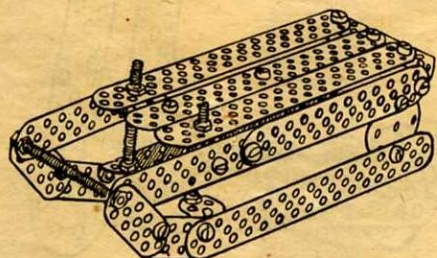
Bicycle and Side-Car.



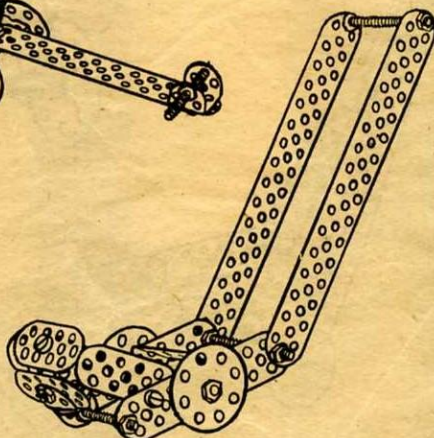
Lorry.



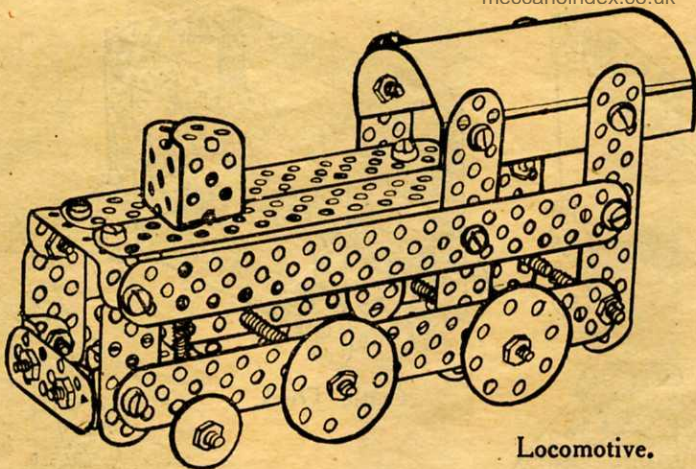
Timber Carriage.



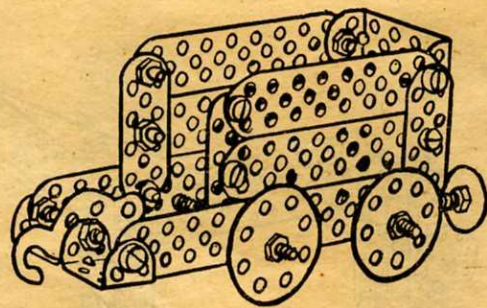
Sledge.



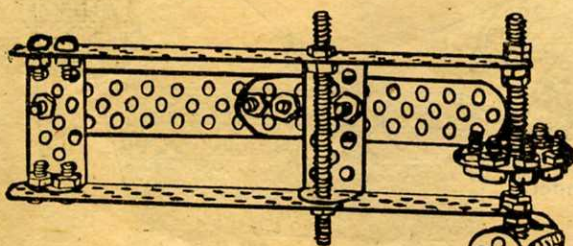
Lawn Mower.



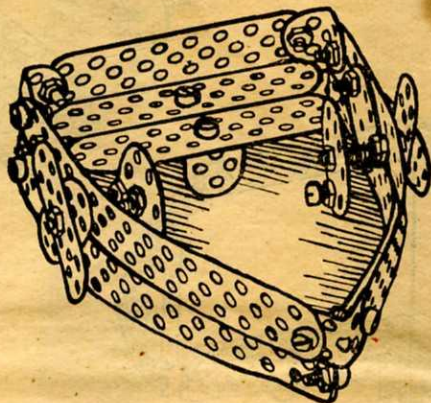
Locomotive.



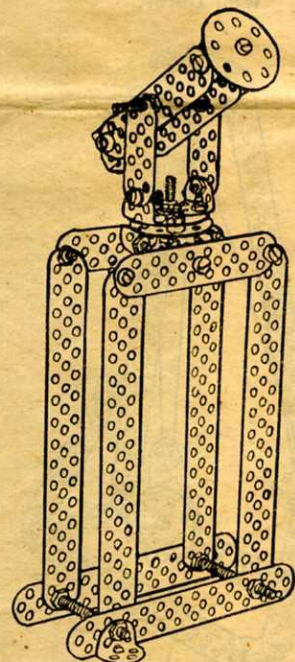
Tender.



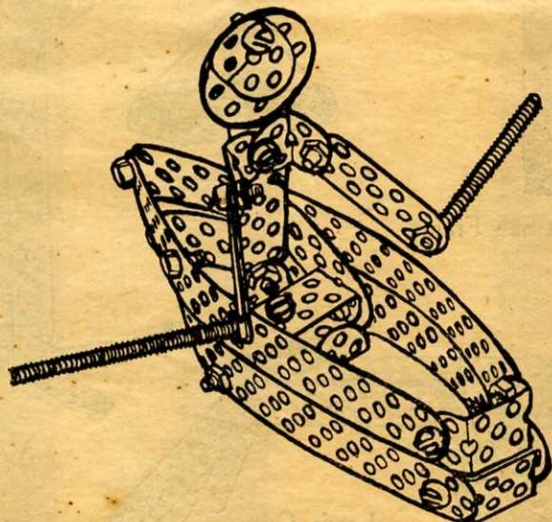
Rattle.



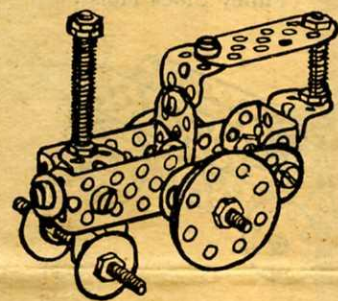
Children's Paddle Boat.



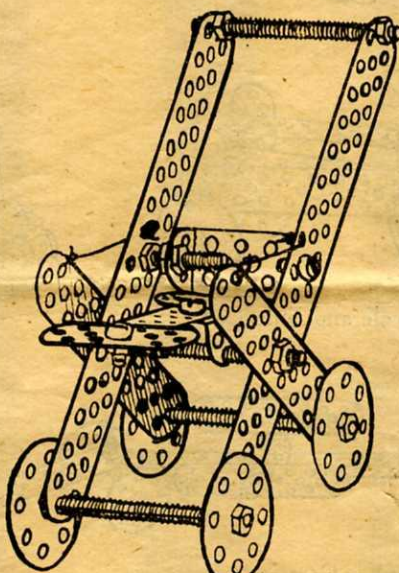
Search Light.



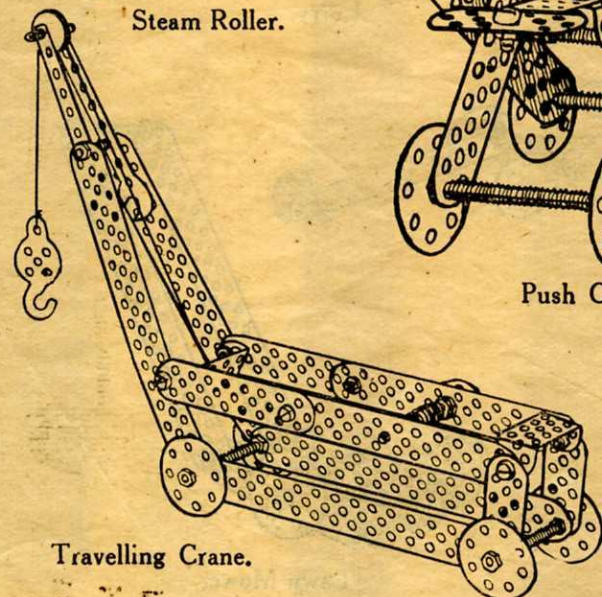
The Oarsman.



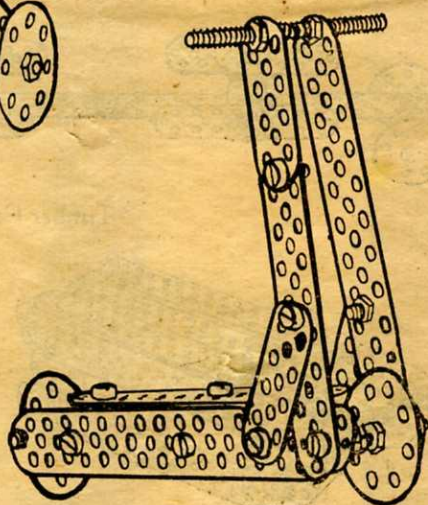
Steam Roller.



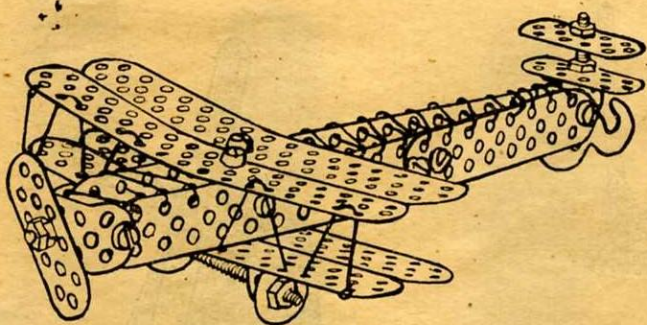
Push Chair.



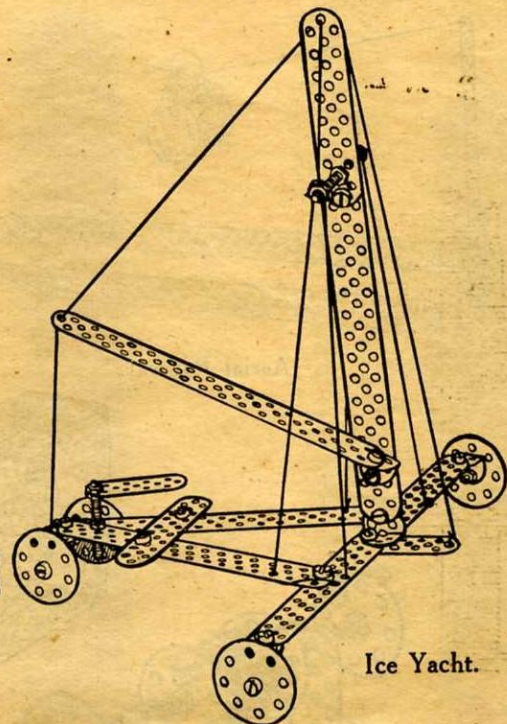
Travelling Crane.



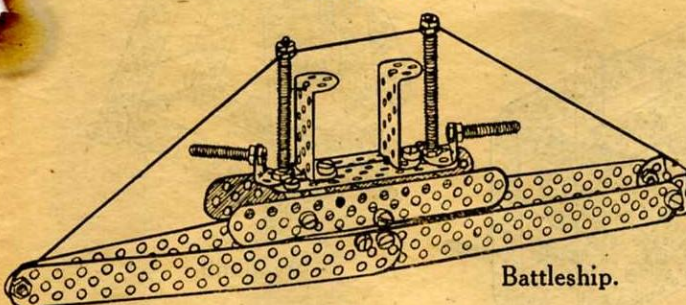
Scooter.



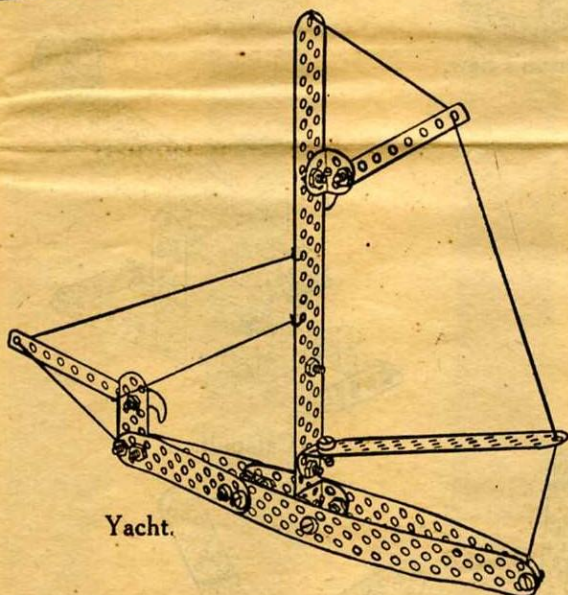
Air Liner.



Ice Yacht.



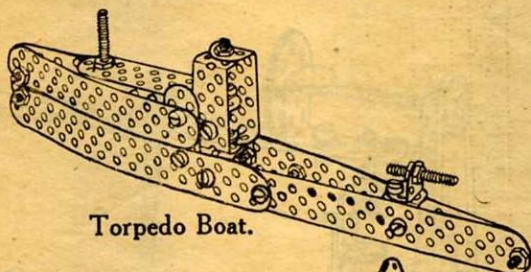
Battleship.



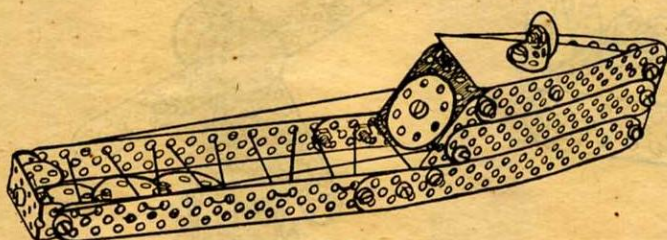
Yacht.



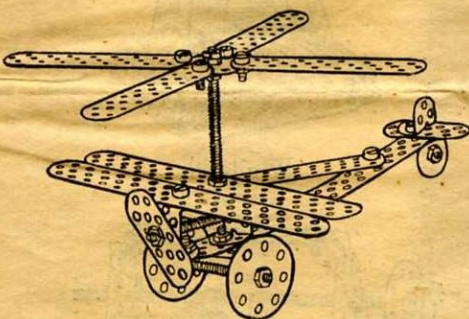
Graf Zeppelin.



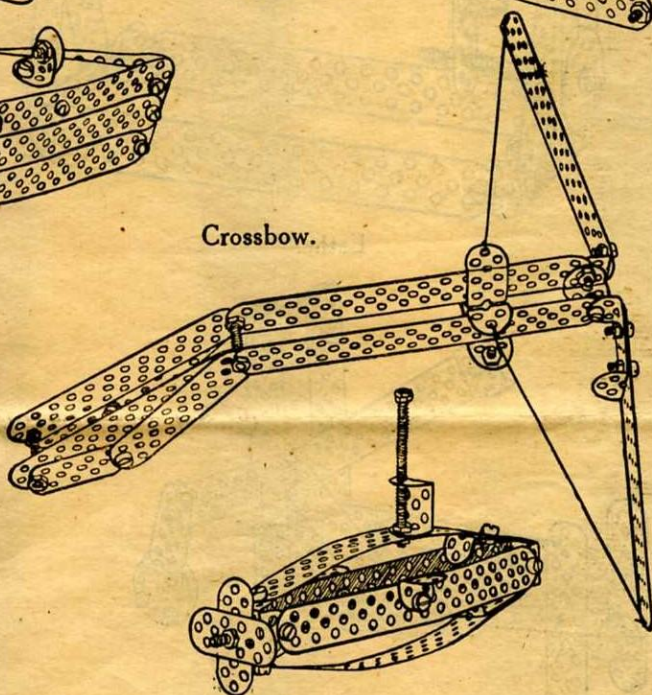
Torpedo Boat.



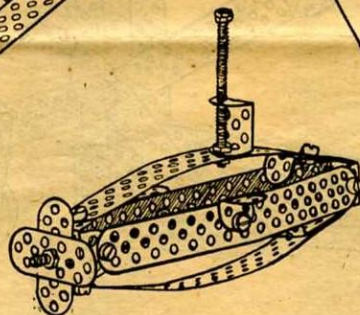
Speed Boat.



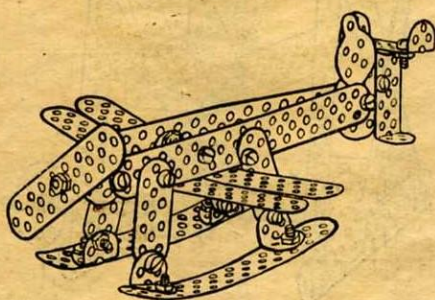
Autogiro.



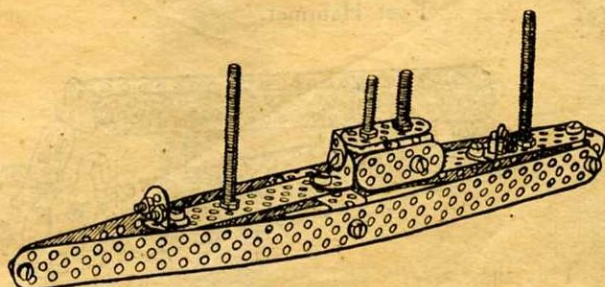
Crossbow.



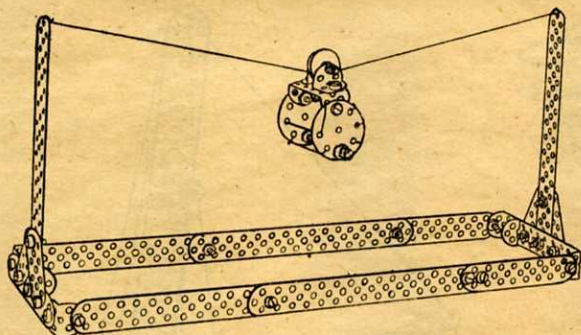
Submarine.



Sea Plane.



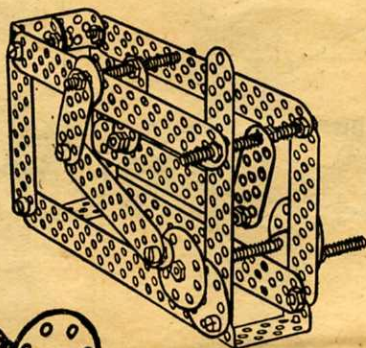
Cruiser.



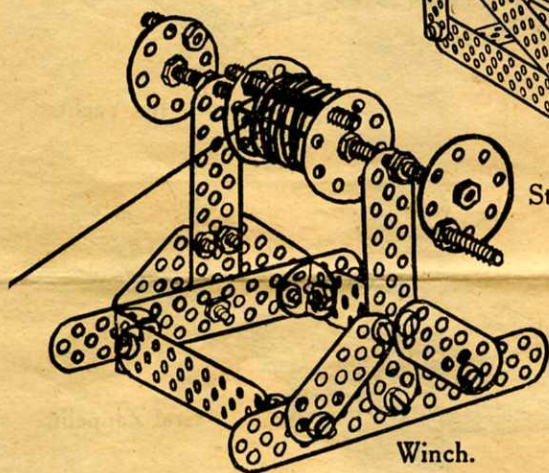
Aerial Railway.



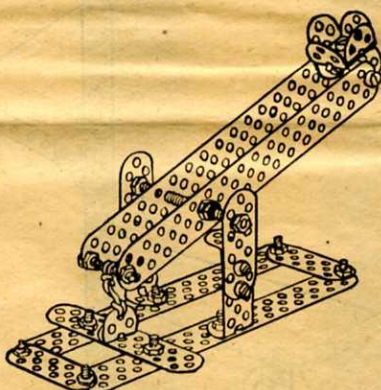
Windmill.



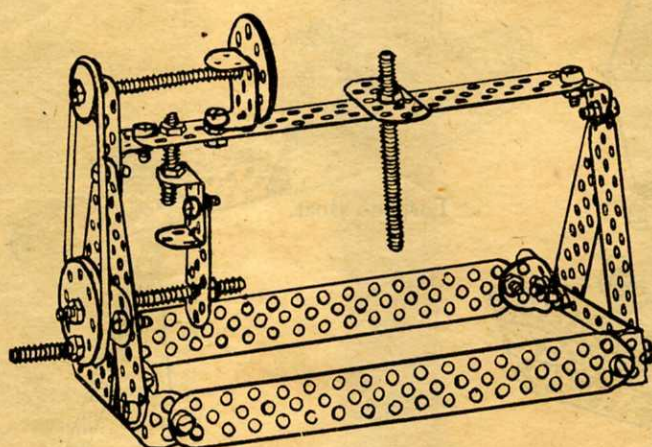
Stonemason's Saw.



Winch.



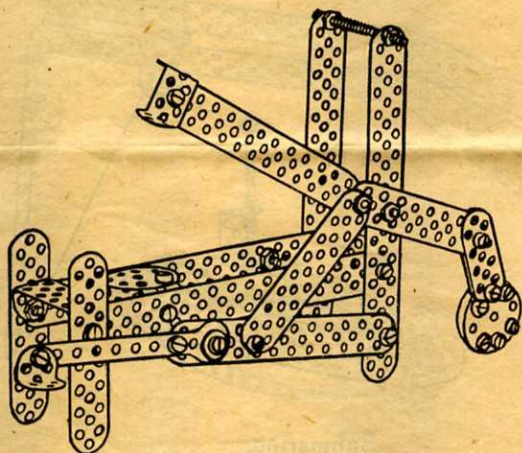
Catapult.



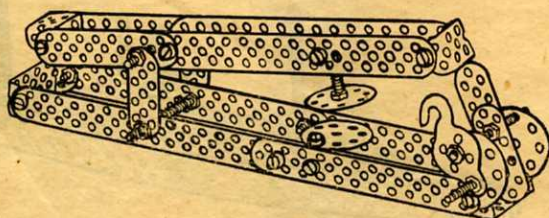
Lathe.



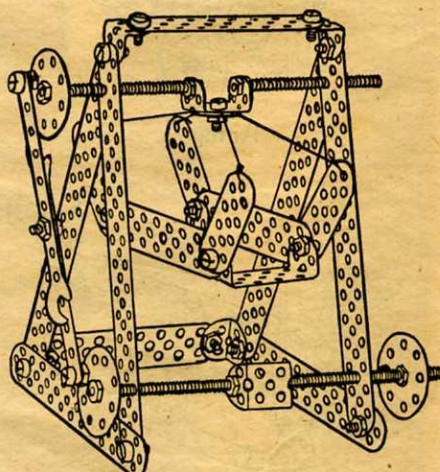
Windmill.



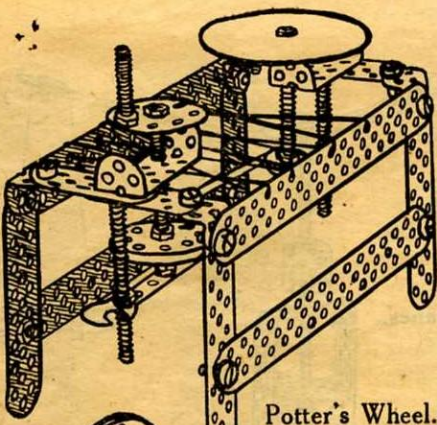
Foot Hammer.



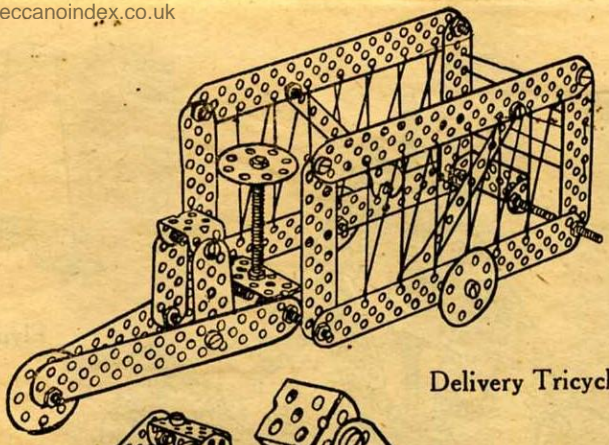
Mechanical Hammer.



Sway Boat.



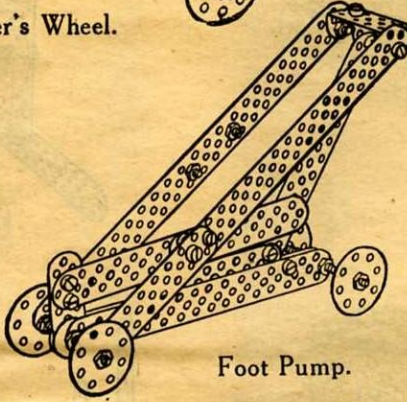
Potter's Wheel.



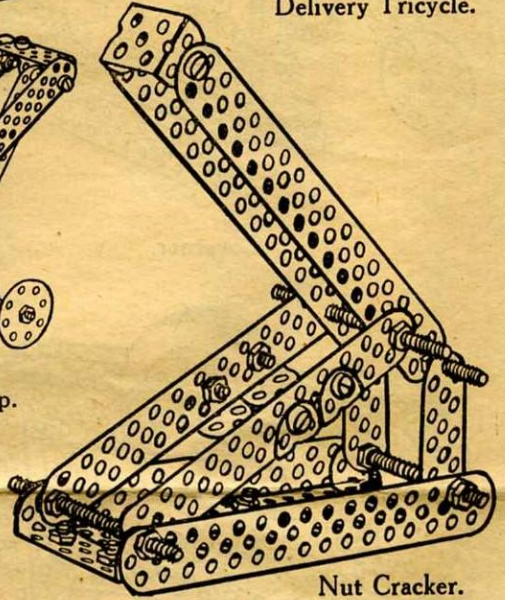
Delivery Tricycle.



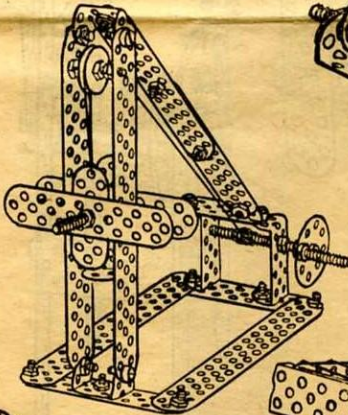
Emery Wheel.



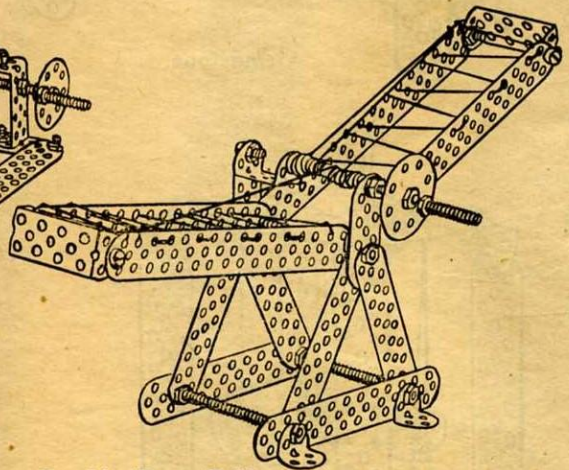
Foot Pump.



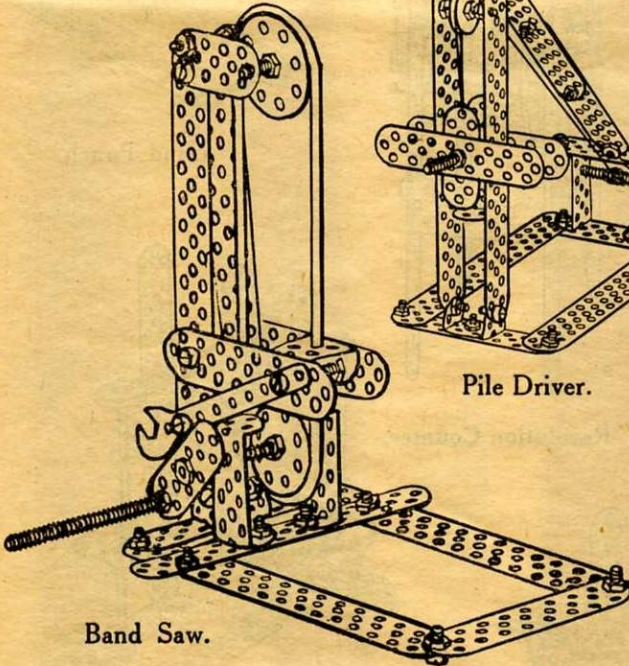
Nut Cracker.



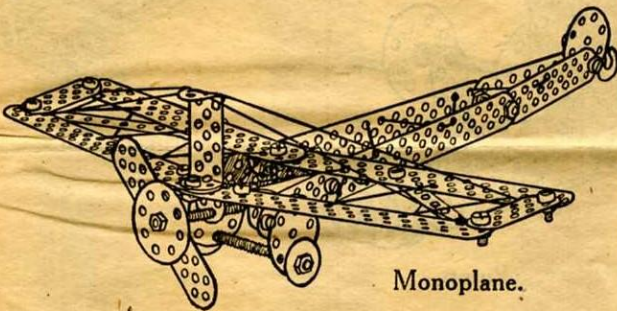
Pile Driver.



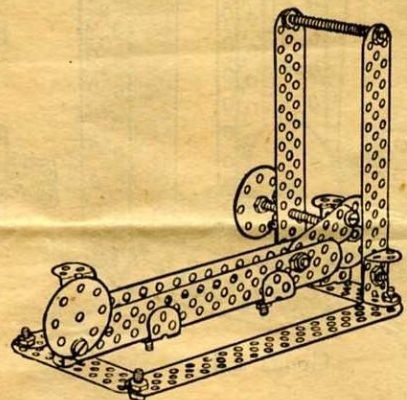
Double Draw-Bridge.



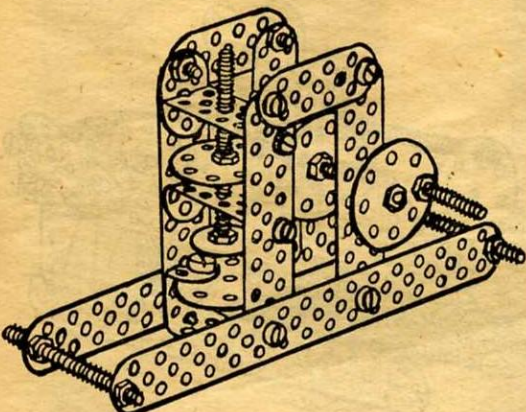
Band Saw.



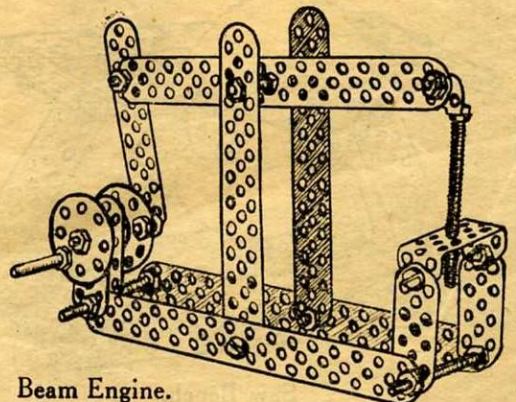
Monoplane.



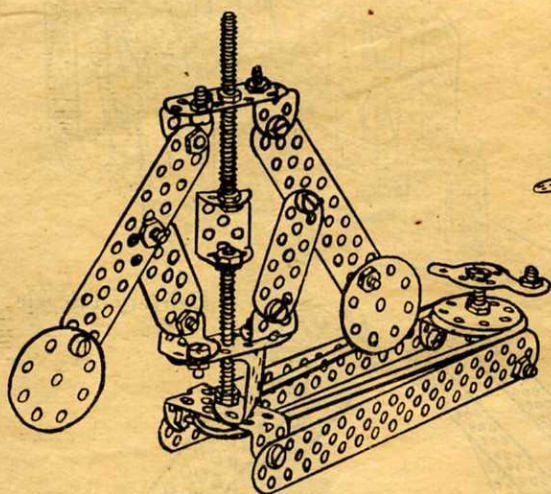
Hack Saw.



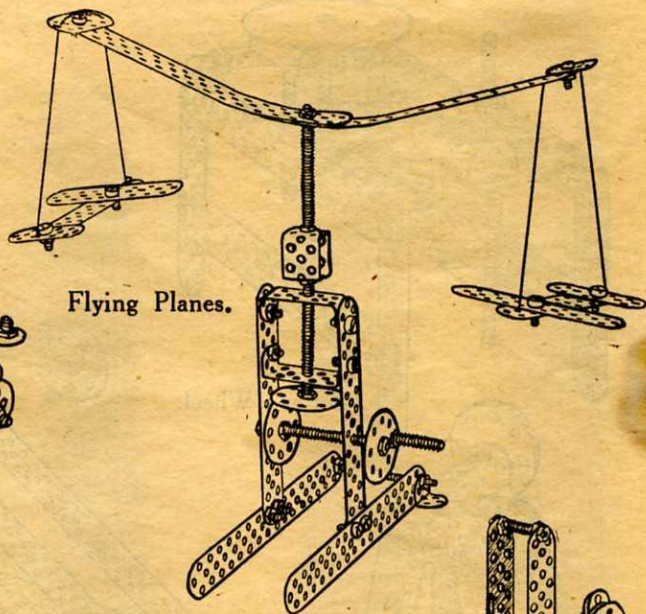
Stamping Mill.



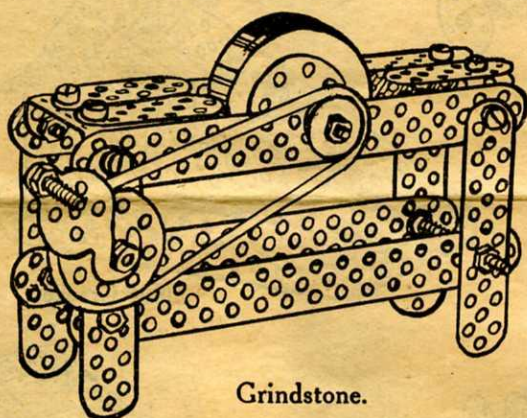
Beam Engine.



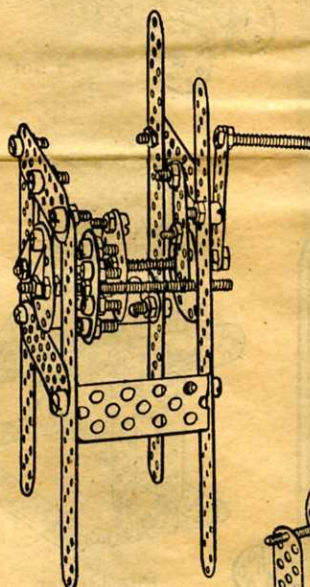
Governor.



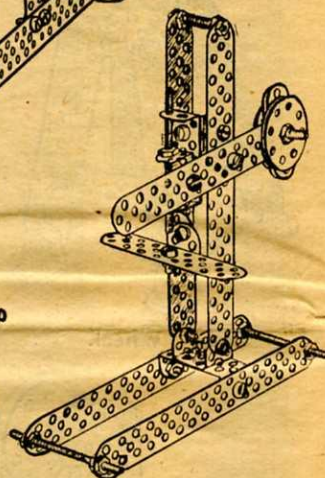
Flying Planes.



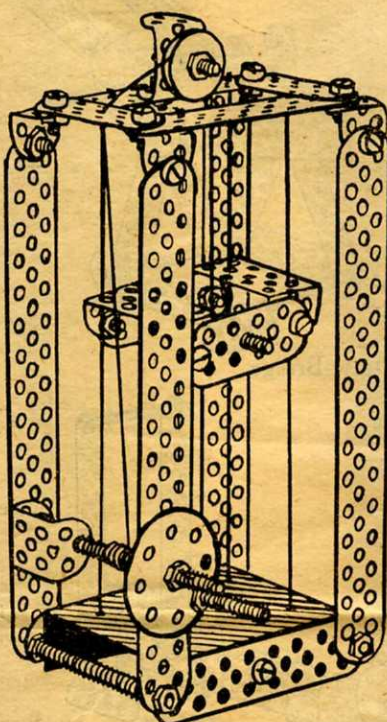
Grindstone.



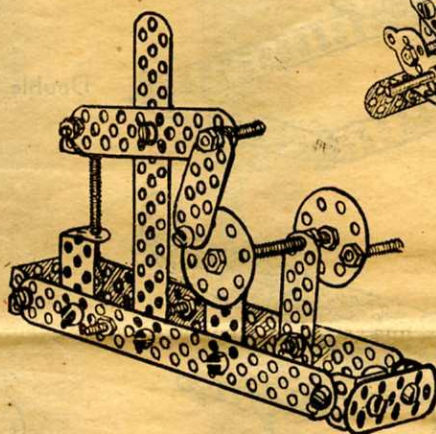
Revolution Counter.



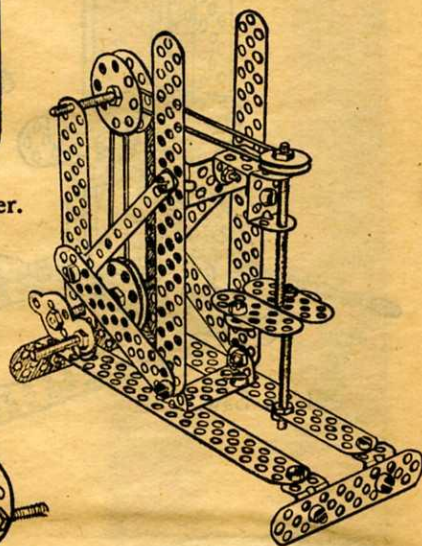
Hand Punch.



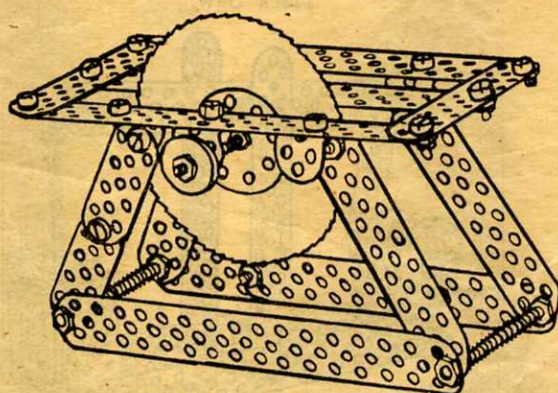
Goods Lift.



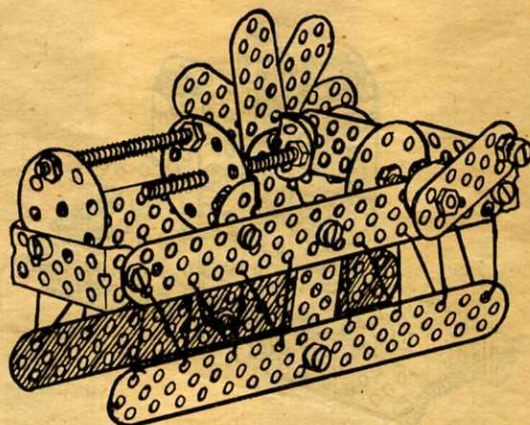
Pump.



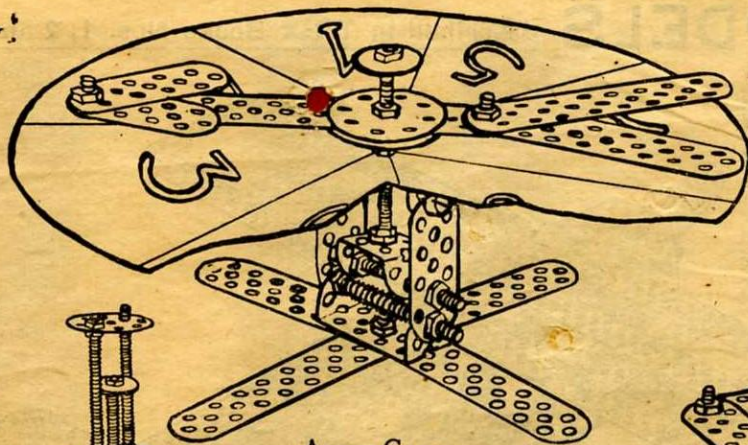
Vertical Drill.



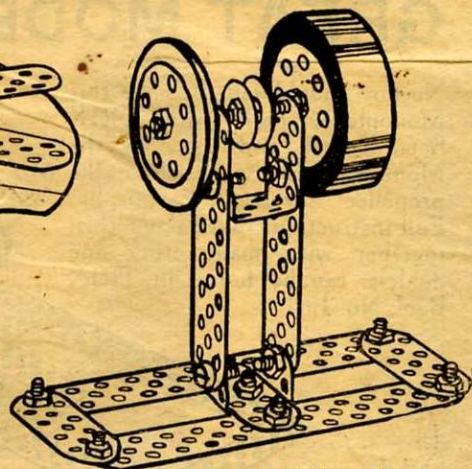
Saw Bench.



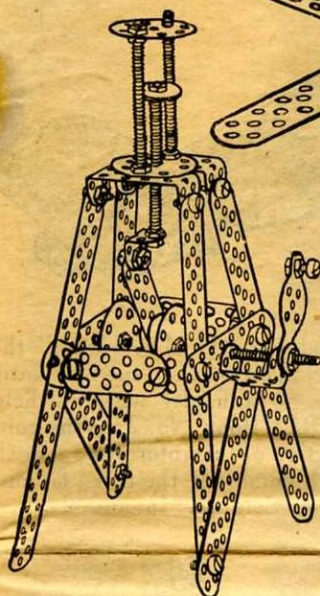
Horizontal Engine.



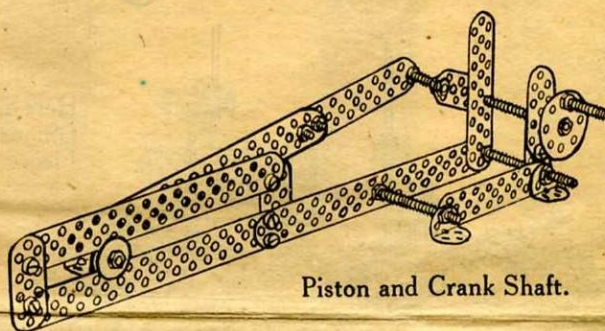
Arrow Game.



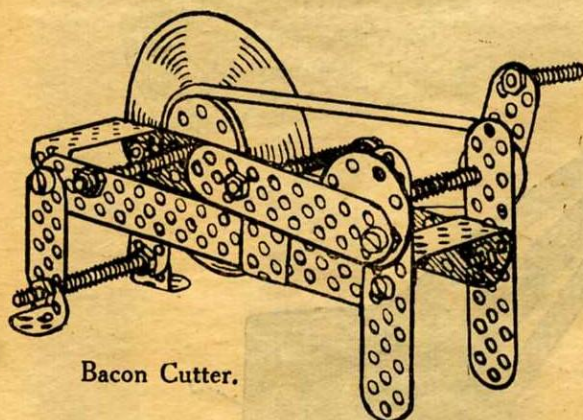
Polishing Head.



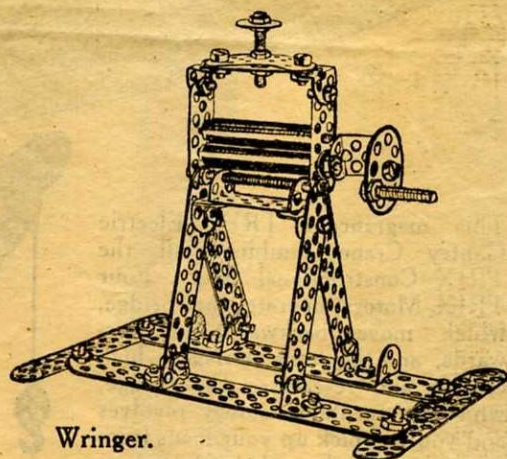
Vertical Engine.



Piston and Crank Shaft.



Bacon Cutter.



Wringer.

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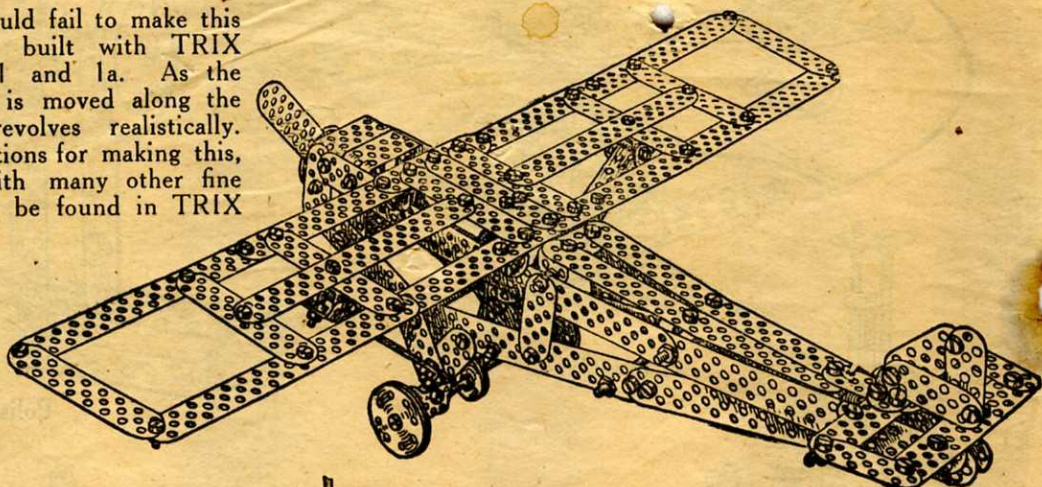
For further information, please write to:—

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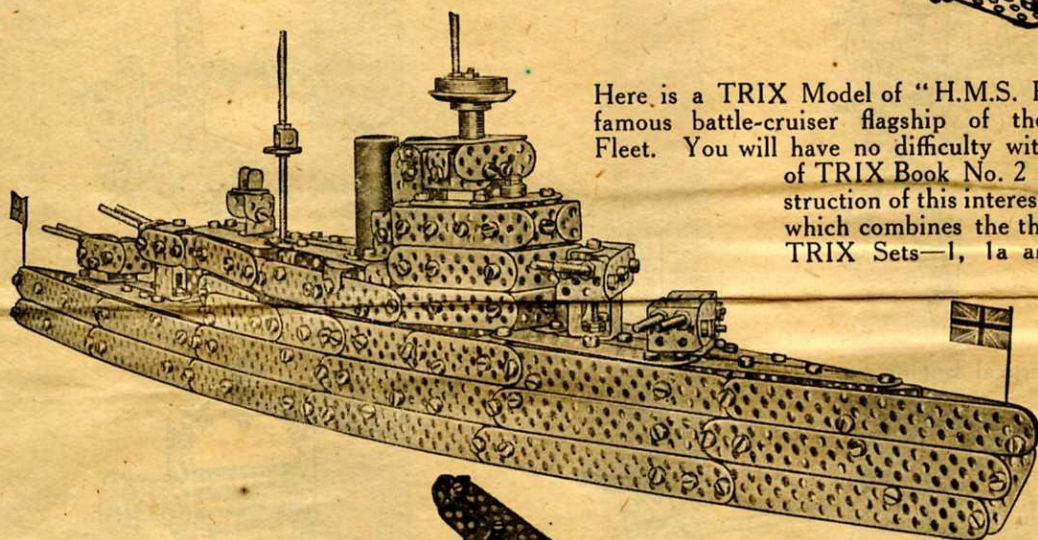
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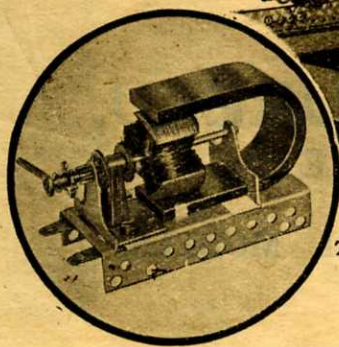
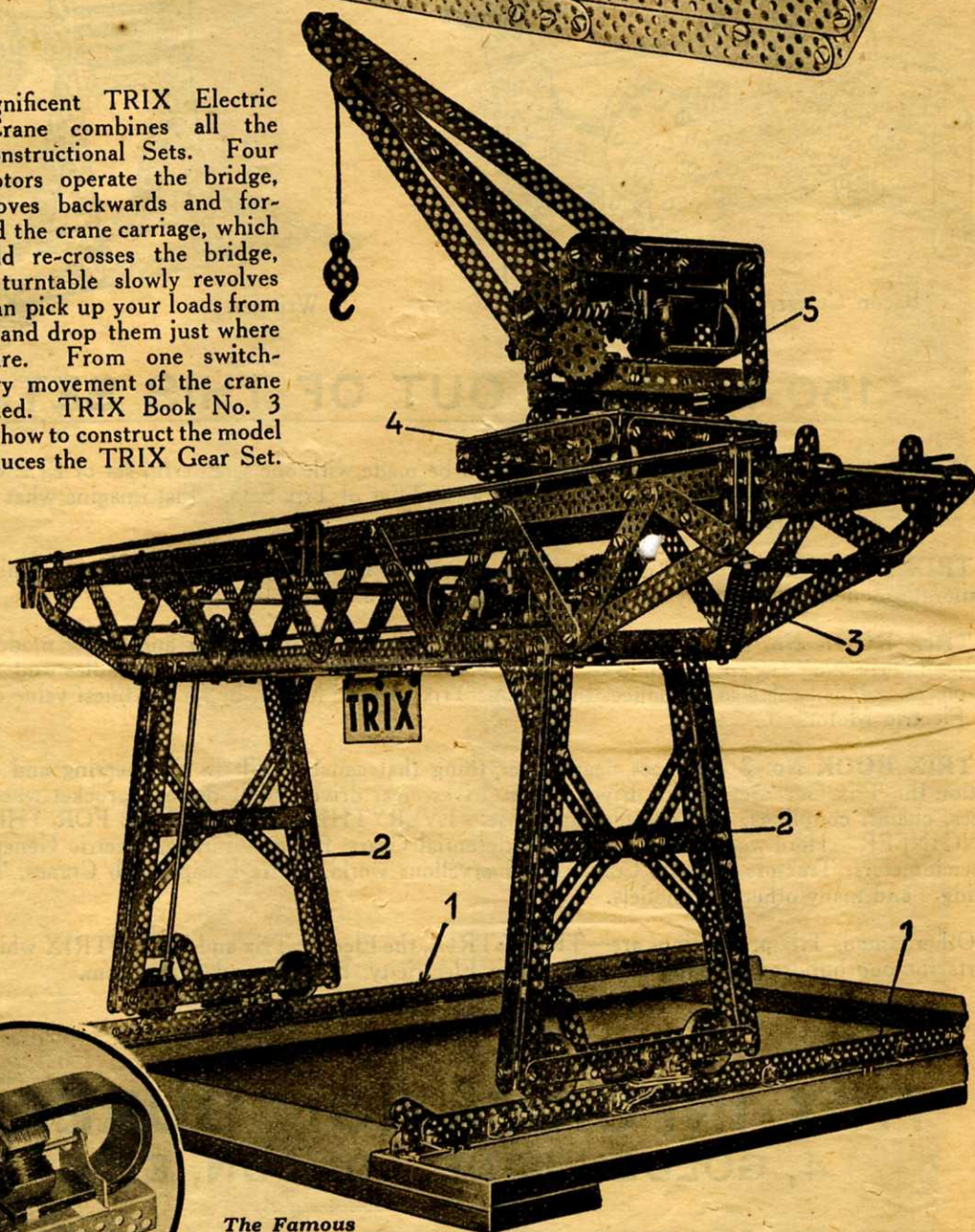
No boy should fail to make this Monoplane, built with TRIX Sets No. 1 and 1a. As the Monoplane is moved along the propeller revolves realistically. Full instructions for making this, together with many other fine models, can be found in TRIX Book No. 1.



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