

NO. 3

**THE SET WITH THE
LONG GIRDERS**



Printed in U. S. A.
M976-A-28

MANUAL OF INSTRUCTIONS

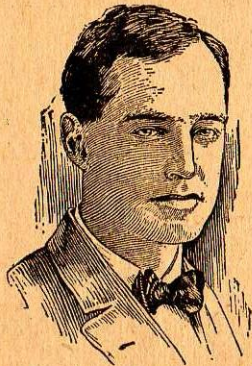
THE NEW **ERECTOR** REG. U.S. PAT. OFF.

**THE ONLY CONSTRUCTION TOY
WITH THE SQUARE GIRDER**

THE A. C. GILBERT CO.,
New Haven, Conn., U. S. A.

IN ENGLAND
The A. C. Gilbert Company,
109 Kingsway, London, W. C. 2

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Hello Boys!

I want to explain to you all about the Erector Family, the World's Standard in Construction Toys.

The Old Plan:—

The old type of Accessory Set merely converted one size construction toy set into the next higher-priced set. It mainly provided more parts of the same kind you already had.

The New Plan:—

Now when you obtain an Accessory Set, it will match with any standard Erector Set and in addition, the new Erector Family of Accessory Sets are complete units in themselves.

The Regular Erector Sets consist of:

No. 1 Dandy Beginner's Set .....	.....
No. 3 The Set with the Long Girders .....	.....
No. 4 The Famous No. 4 with Powerful Electric Motor and Gear Box .....	.....
No. 6 The Set with the Boiler .....	.....
No. 7 The Set that builds the Steam Shovel .....	.....
No. 7½ Motorized Erector. The Set with the Chassis .....	.....
No. 8 Trail Blazing No. 8. The Set that Builds the Zeppelin .....	.....
No. 9 Mechanical Wonder Set, with 110 volt Motor .....	.....
No. 10 Deluxe Set, Builds all Erector Feature Models .....	.....
No. 12 Master Engineer's Set, Amazing — Gigantic — Complete .....	.....

The New Erector Family of Accessory Sets consists of:—

No. 3005 Erector Electrical Set. The Set that Electrifies and Illuminates .....	.....
No. B Big Girder Set. The Set That Builds the Ferris Wheel .....	.....
No. C Erector Airplane Set .....	.....

These New Accessory Sets are for the purpose of featuring and specializing in certain types of Trumodel building, Construction Equipment, Electrification and Illumination, etc.

THERE IS WORLDS OF FUN IN ANY ERECTOR SET

Your Friend,

A.C. Gilbert

Manual of Instructions

Section 1

**MANY
MODELS
ILLUSTRATED**

**ERECTOR SETS
BUILD THE
MOST MODELS**



**OTHER
MANUALS
FOR LARGER
SETS**

**MANUALS
FREE WITH
ALL SETS**

THE NEW ERECTOR

**BUILDS THE MOST MODELS
HAS THE MOST PARTS
THE ONLY CONSTRUCTION TOY WITH THE SQUARE GIRDER**

The A. C. Gilbert Company, New Haven, Conn., U. S. A.

IN ENGLAND

The A. C. Gilbert Co., 109 Kingsway, London, W. C. 2

THE WORLD'S GREATEST TOY FOR BOYS.



Hello Boys!

You are to be Congratulated!

Just think! You now own an Erector set which is the best toy of its kind ever made for boys.

It has girders like structural steel, exactly like those used in sky-scrapers, offices, factories and public buildings in New York, Chicago, London, Paris, Berlin and other great cities of the world. Then again, you can build derricks, machine shops, battleships, aeroplanes, steam shovels, ferris wheels, engines, and thousands of other things for which only the special Erector parts are designed. These can be operated with the electric motor which is included with most of the sets.

You will notice that the models in this manual cover a very wide range of subjects. Most of them were originated and designed by boys. For this reason I have not given a description under most of the models, because if other boys are able to invent models, I am quite sure that you will not have any difficulty in constructing them when you have the actual reproduction before you. It is much more interesting and also instructive to work out these models without being told every step in detail. This is what you will have to do when you become a real engineer.

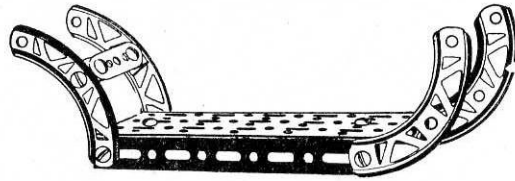
I know you are going to have lots of fun with Erector.

Your Friend,

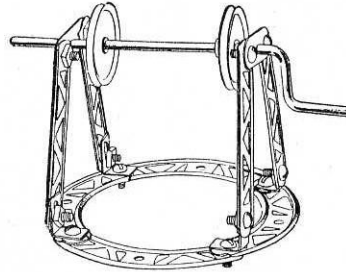
A.C. Gilbert

Models Built with No. 1 Erector

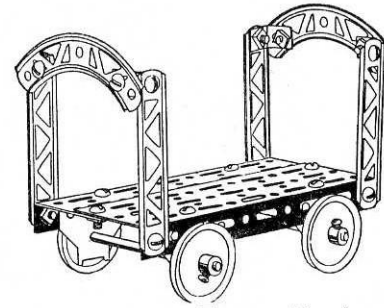
The number of models that can be built with Erector is unlimited. While we show a great many in this book, they are only indications of the large number of different varieties and the adaptability of Erector, The World's Greatest Toy.



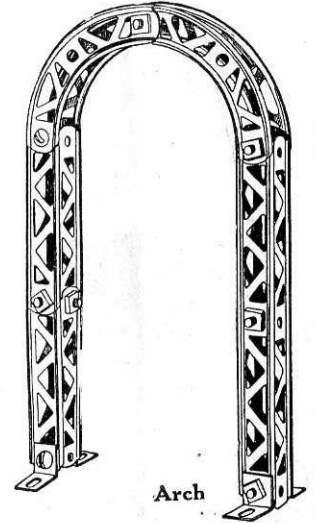
Sled



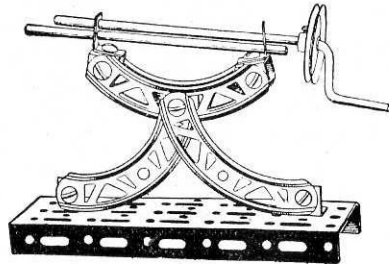
Well Windlass



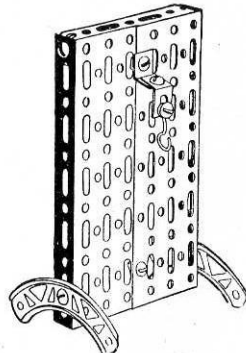
Factory Truck



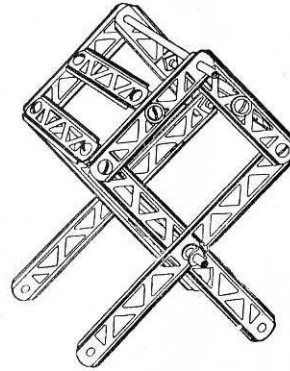
Arch



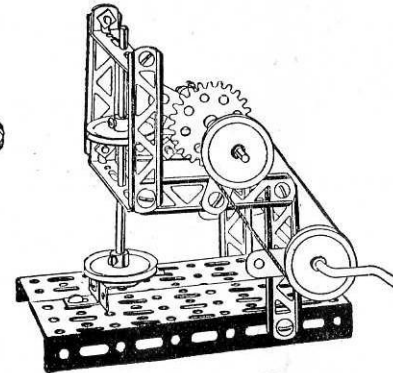
Machine Gun



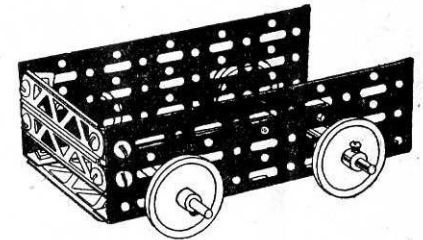
Watch Hanger



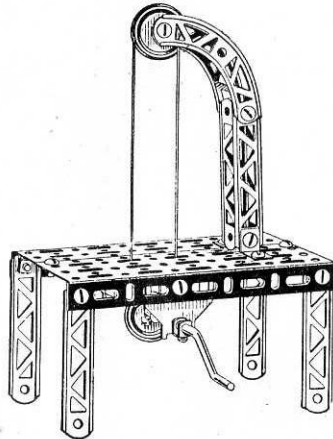
Clothes Dryer



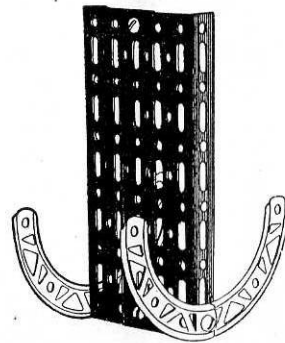
Trip Hammer



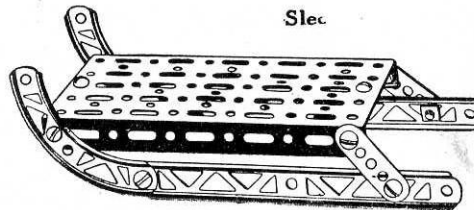
Push Truck



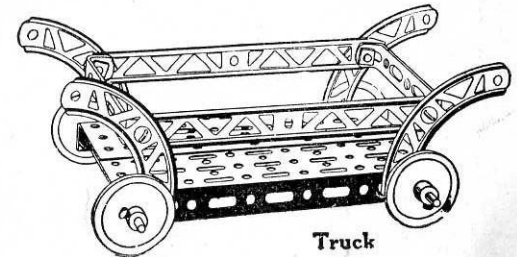
Band Saw



Rocking Sign

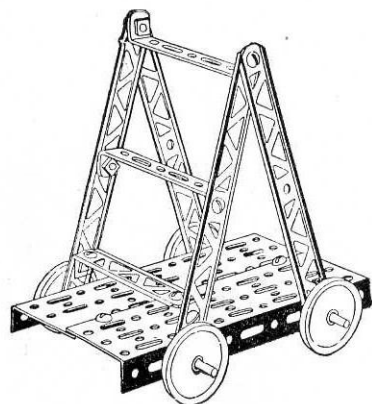


Sled

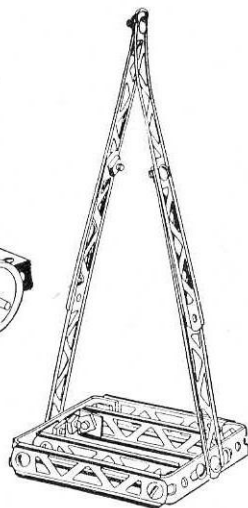


Truck

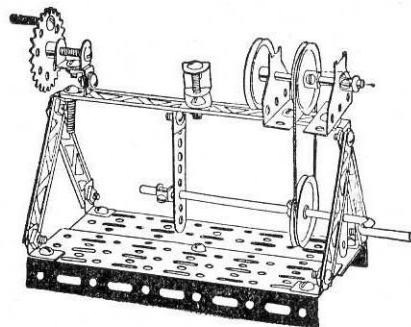
Models Built with No. 1 Erector



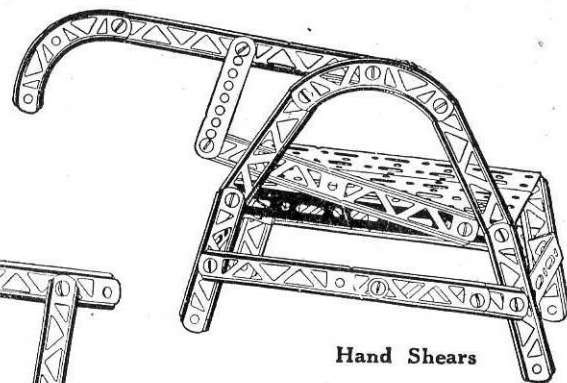
Truck Ladder



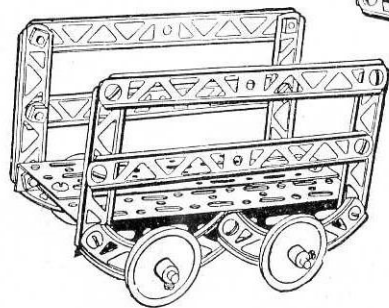
Potato Cutter



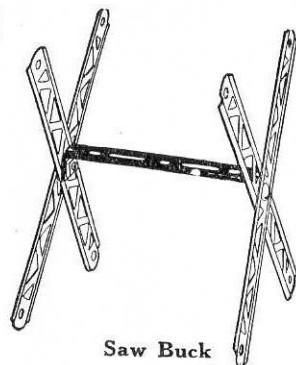
Lathe



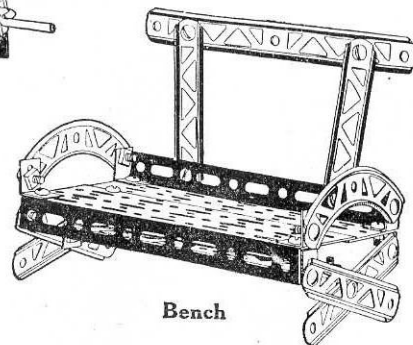
Hand Shears



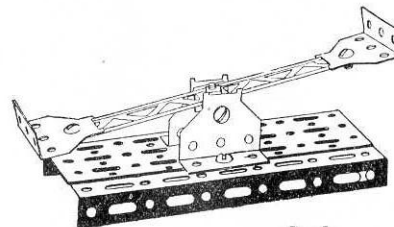
Baggage Truck



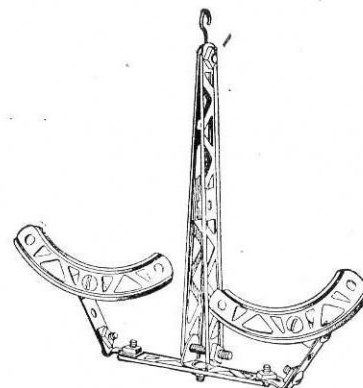
Saw Buck



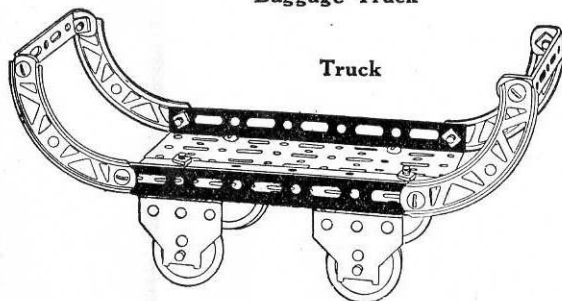
Bench



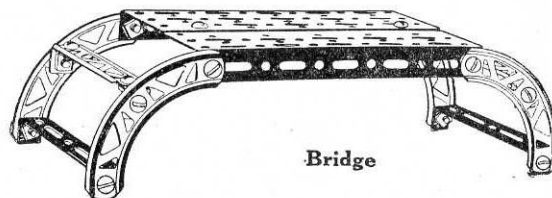
Scales



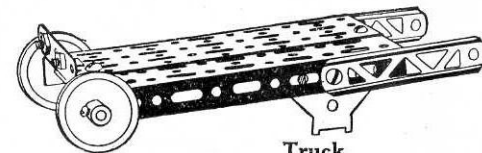
Anchor



Truck

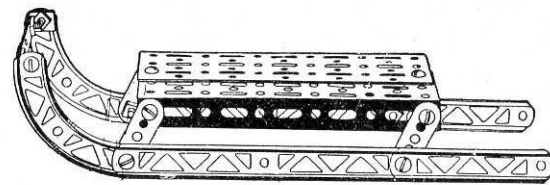


Bridge

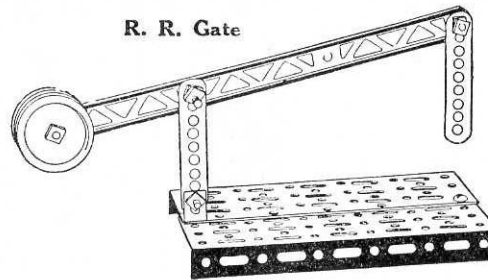


Truck

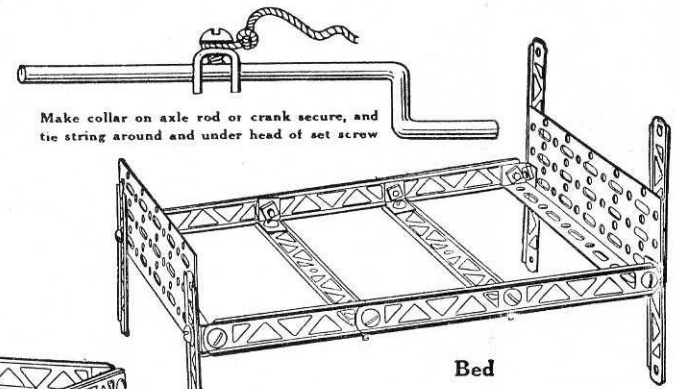
Models Built with No. 1 Erector



Seat Sled

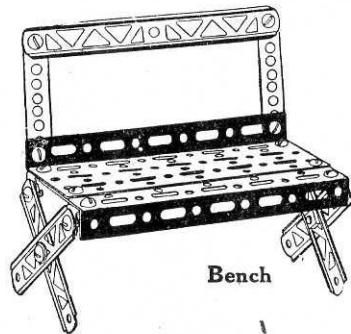


R. R. Gate

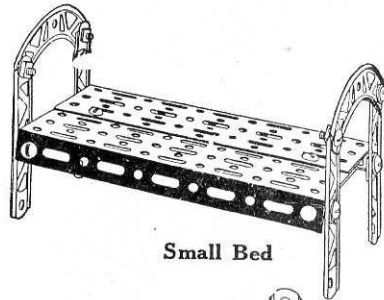


Bed

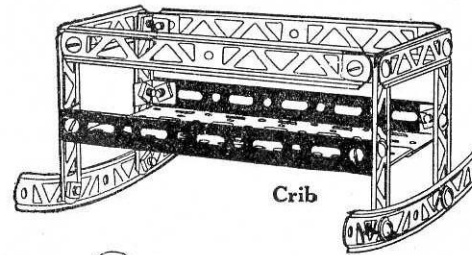
Make collar on axle rod or crank secure, and tie string around and under head of set screw



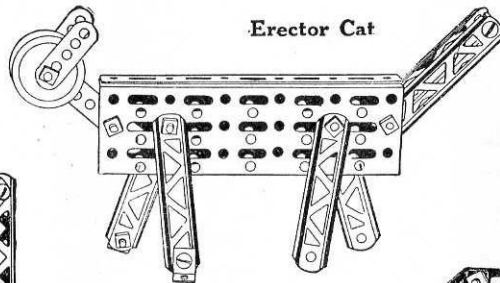
Bench



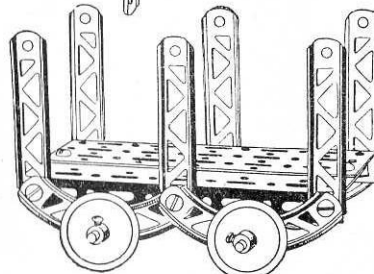
Small Bed



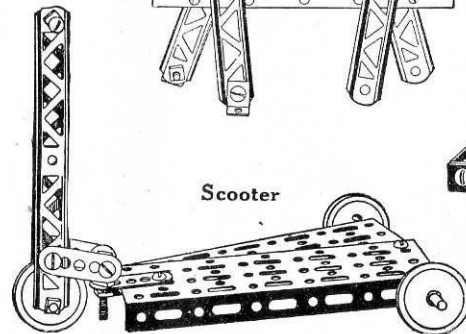
Crib



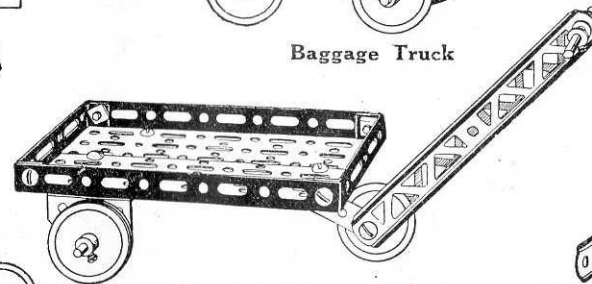
Erector Cat



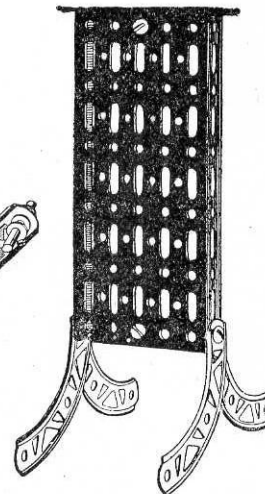
Baggage Truck



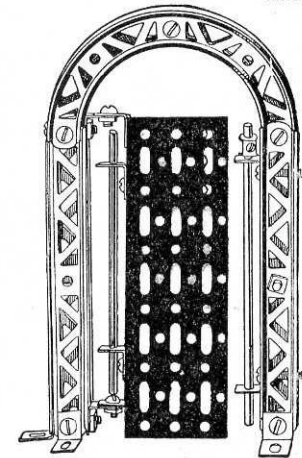
Scooter



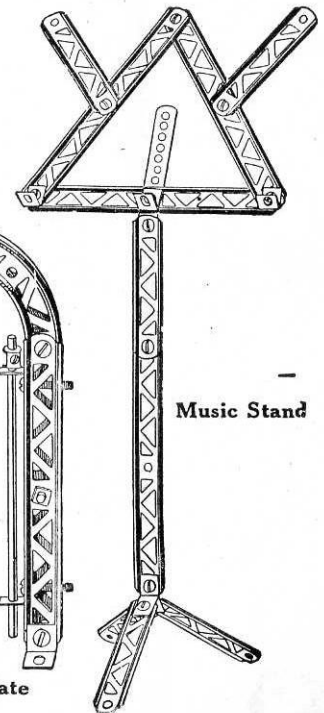
3-Wheeled Wagon



Stationary Sign

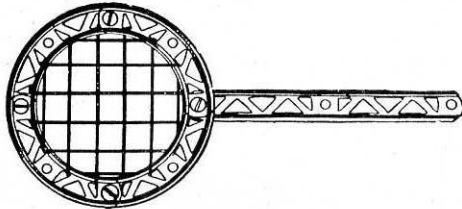


Arch Gate



Music Stand

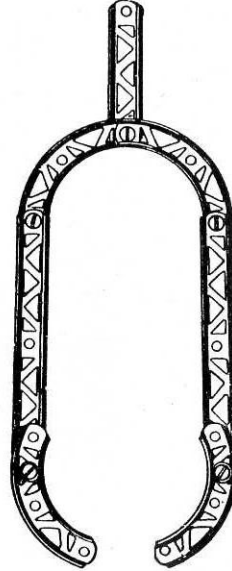
Models Built With No. 1 Erector



No. 158—Tennis Racket



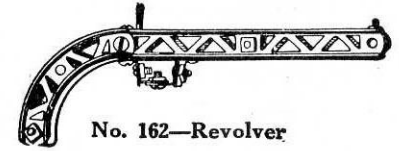
No. 159—Hoop



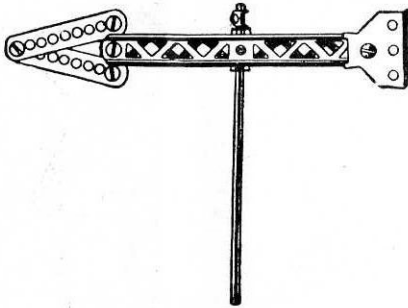
No. 160—Tongs



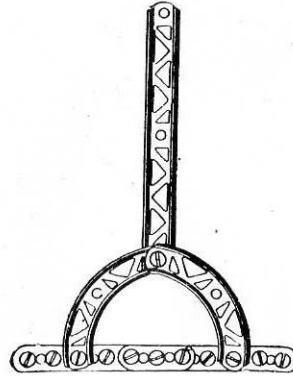
No. 161—Horse Shoe



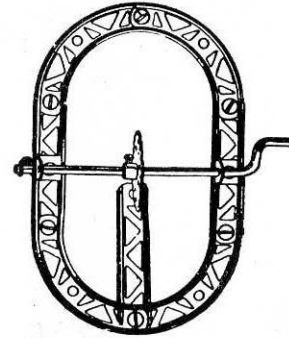
No. 162—Revolver



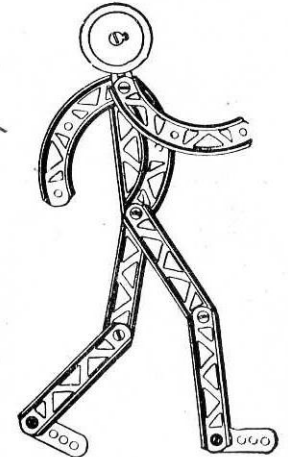
No. 163—Weather Vane



No. 164—Rake



No. 165—Noise Maker



No. 166—Erector Jr.



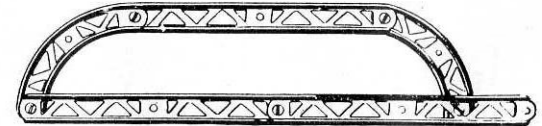
No. 167—Shovel



No. 168—Snow Shoe

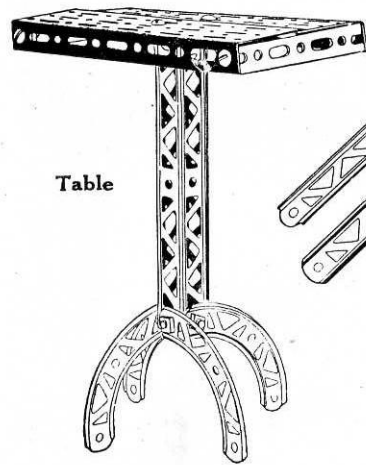


No. 169—Gin

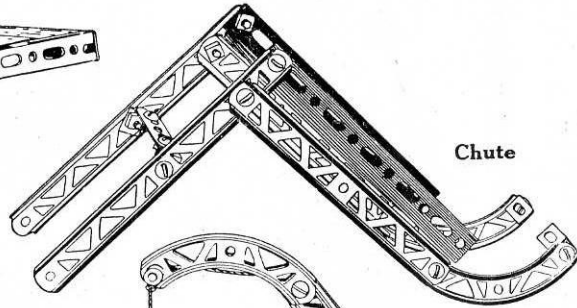


No. 170—Meat Saw

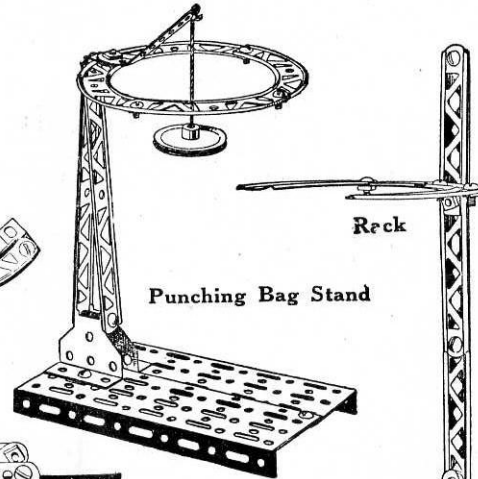
Models Built with No. 1 Erector



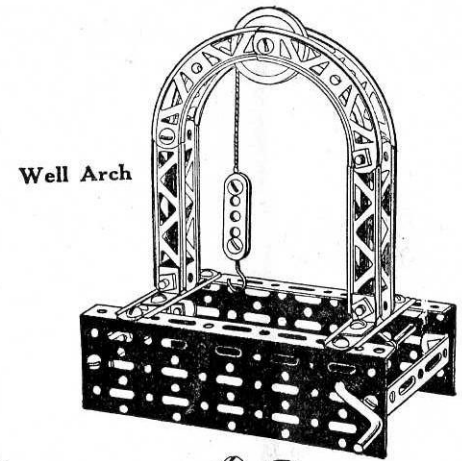
Table



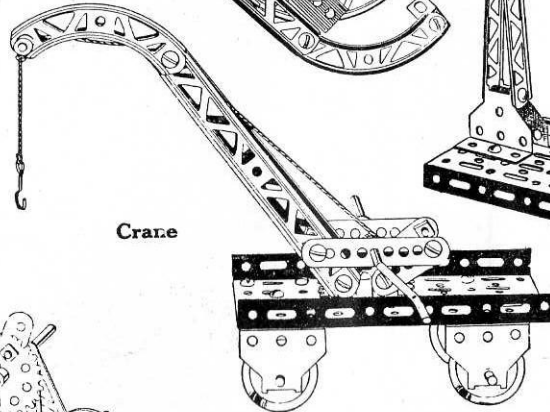
Chute



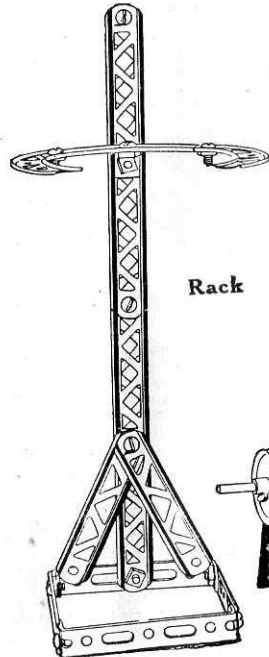
Punching Bag Stand



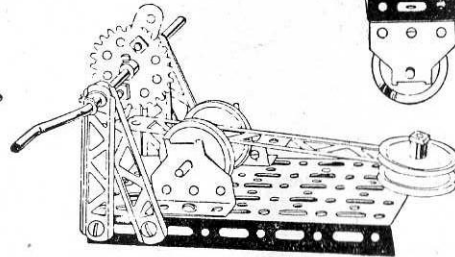
Well Arch



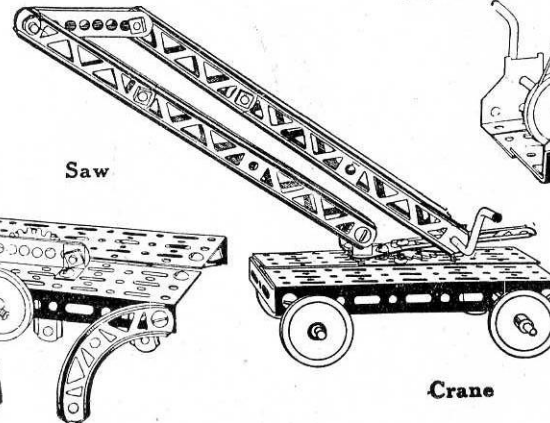
Crane



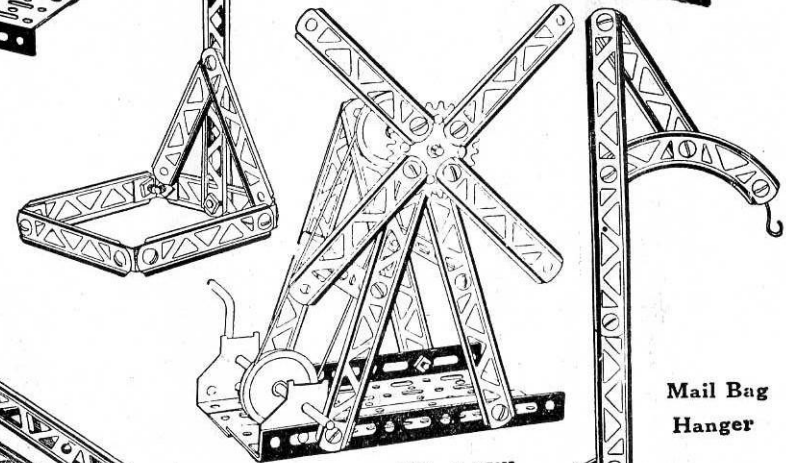
Rack



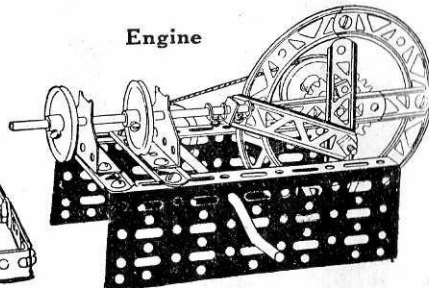
Trip Hammer



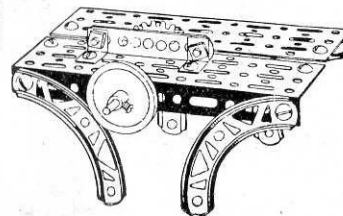
Saw



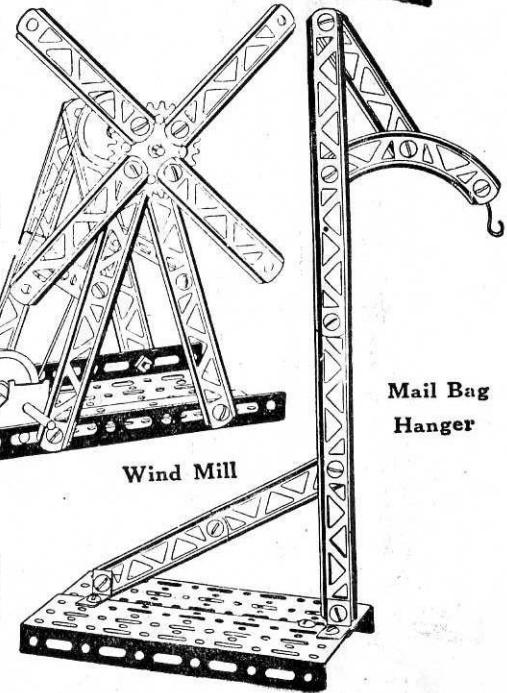
Wind Mill



Engine

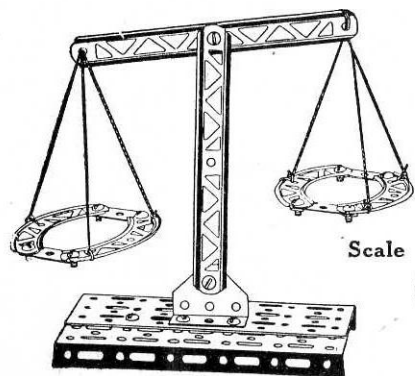


Crane

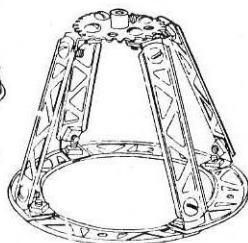


Mail Bag Hanger

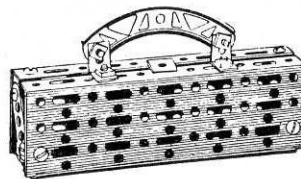
Models Built with No. 1 Erector



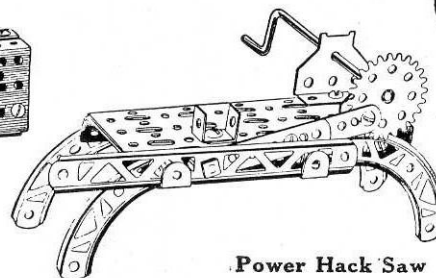
Scale



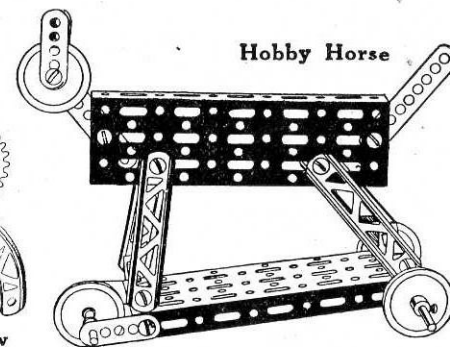
Lamp Shade



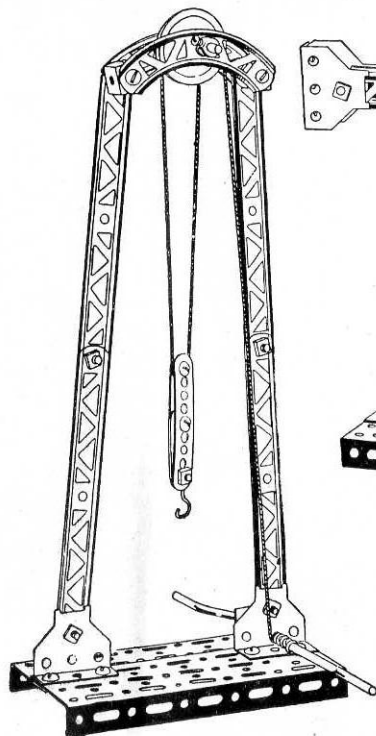
Suit Case



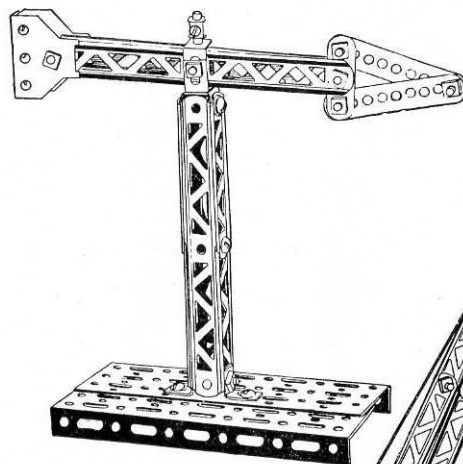
Power Hack Saw



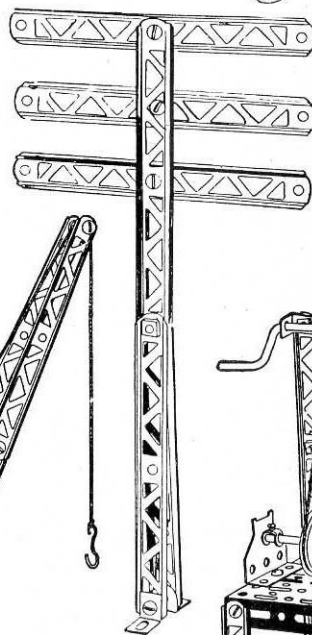
Hobby Horse



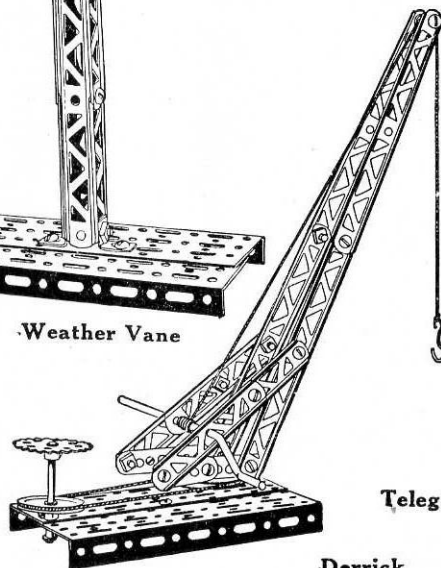
Hoist



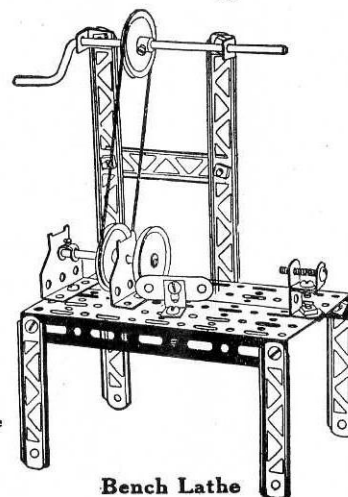
Weather Vane



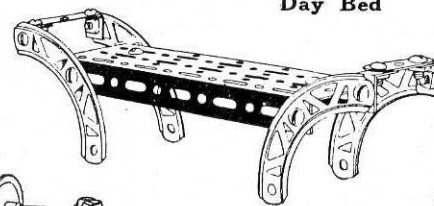
Telegraph Pole



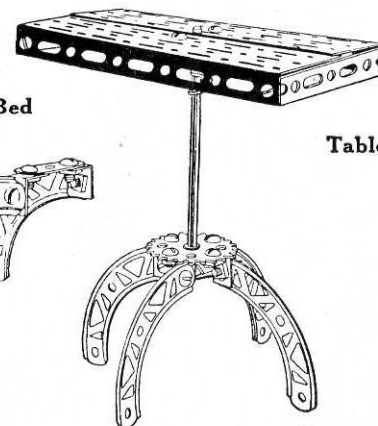
Derrick



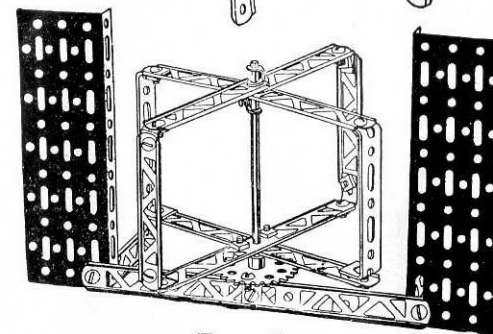
Bench Lathe



Day Bed



Table



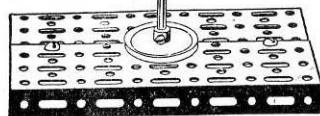
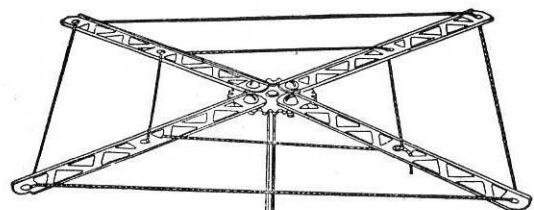
Turnstile

Models Built With No. 1 Erector

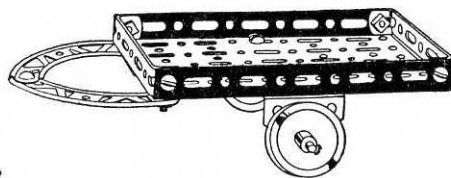


Models from No. 89 to No. 131 Shown on this Page

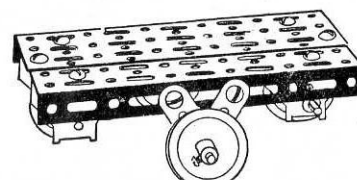
Models Built with No. 1 Erector



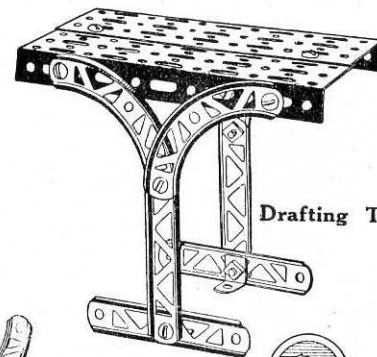
Clothes Hanger



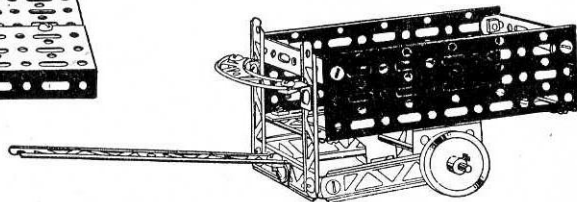
Push Cart



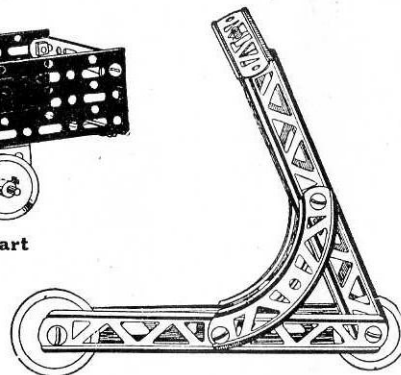
Truck



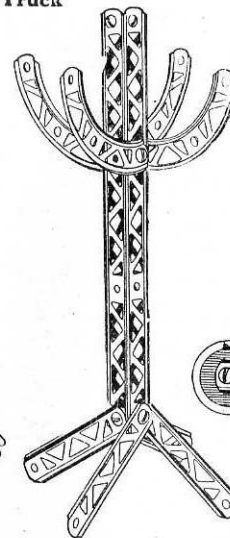
Drafting Table



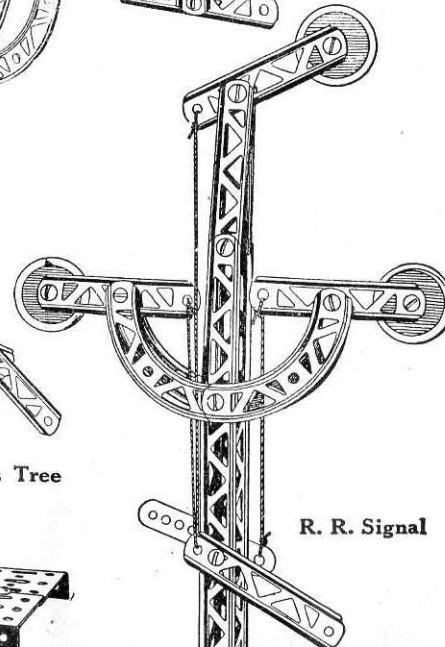
Dump Cart



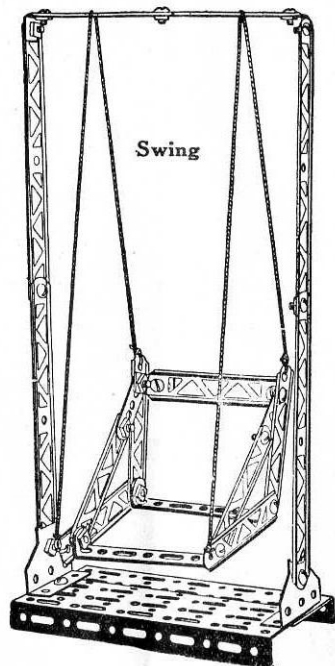
Scooter



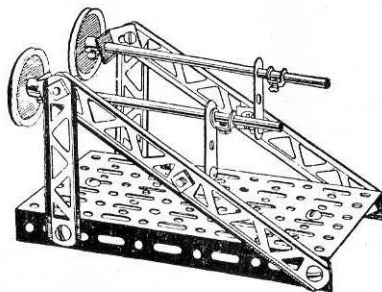
Clothes Tree



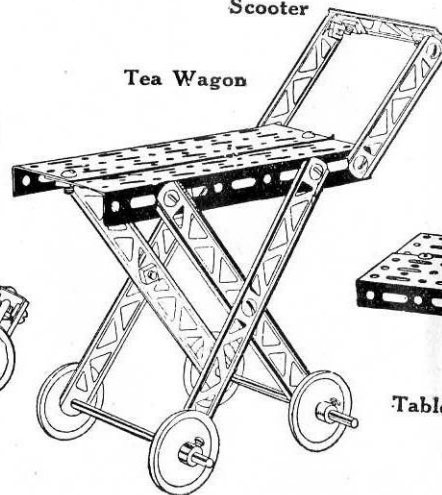
R. R. Signal



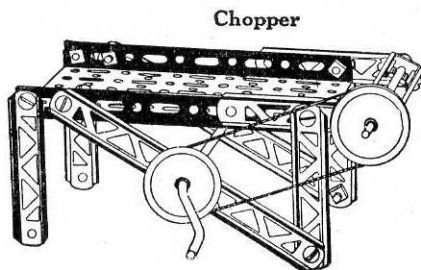
Swing



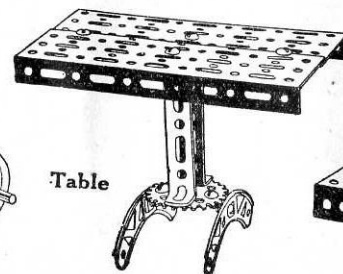
R. R. Bumper



Tea Wagon

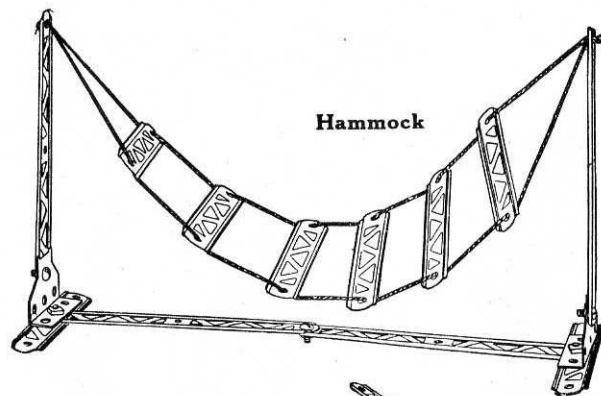


Chopper

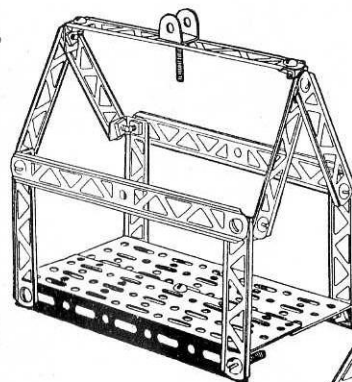


Table

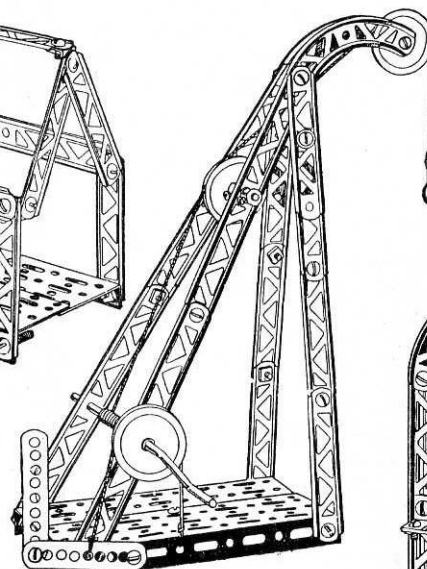
Models Built with No. 1 Erector



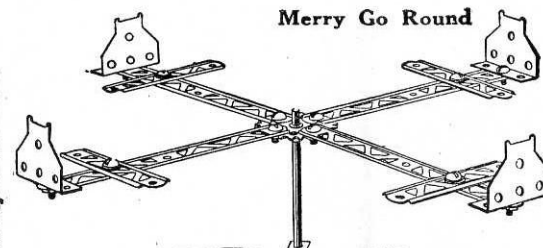
Hammock



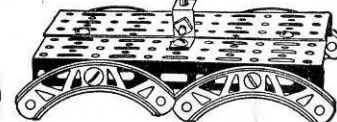
House



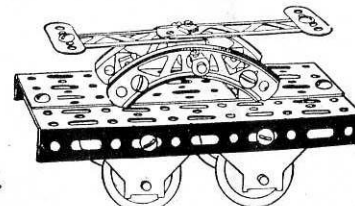
Hoist Derrick



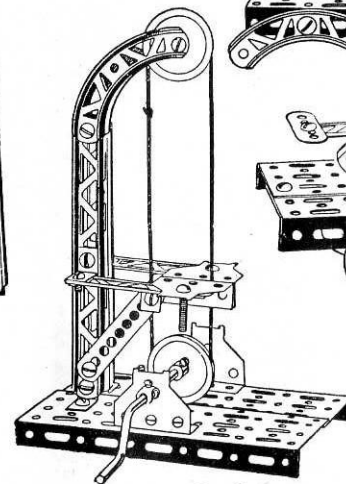
Merry Go Round



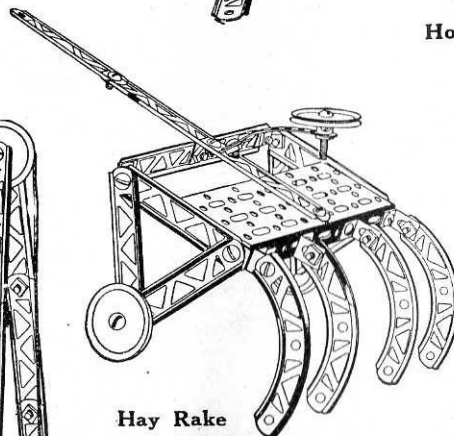
Hand Car



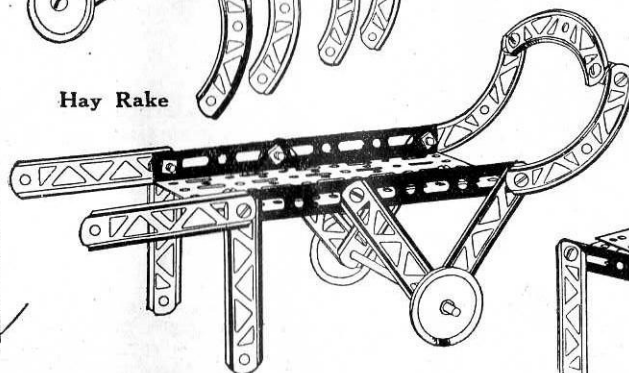
Jig Saw



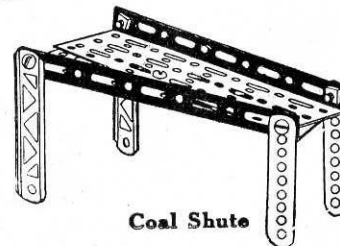
Stool



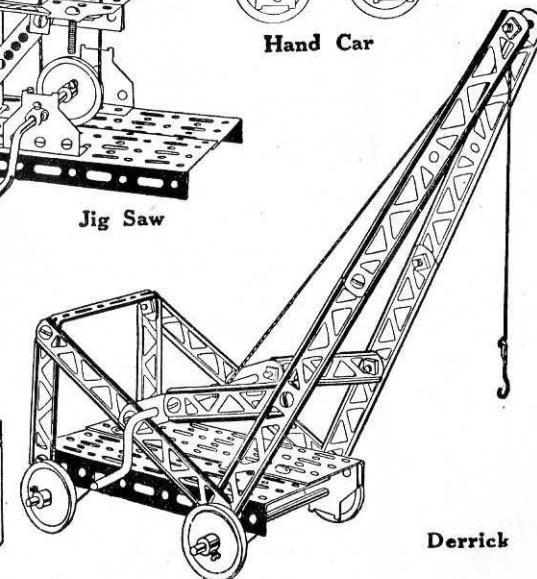
Hay Rake



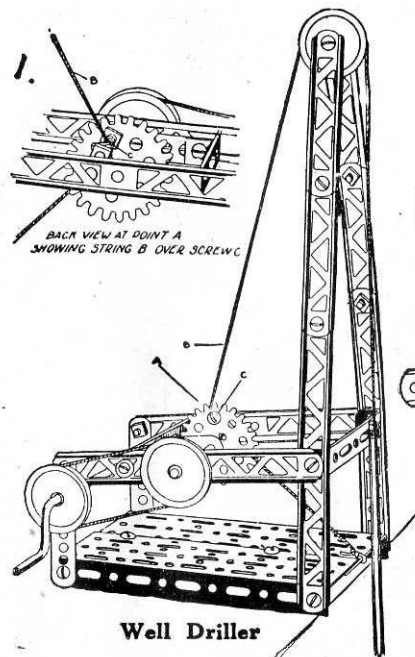
Truck



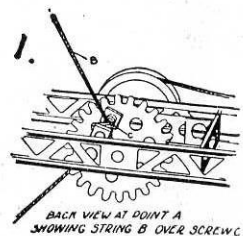
Coal Shute



Derrick

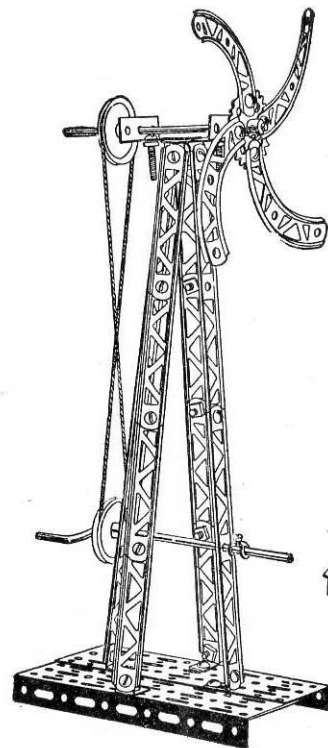


Well Driller

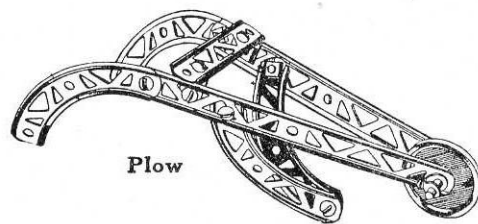


BACK VIEW AT POINT A
SHOWING STRING B OVER SCREW C

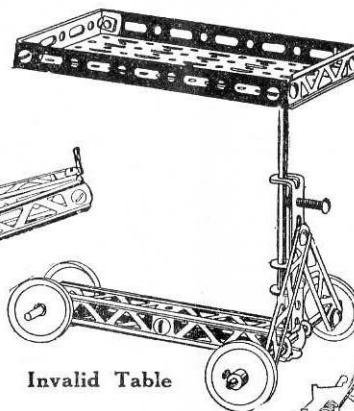
Models Built with No. 1 Erector



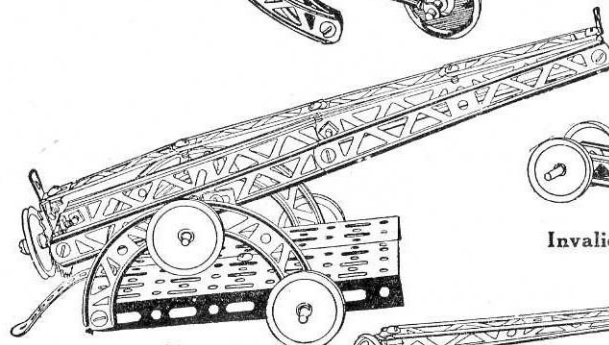
Wind Mill



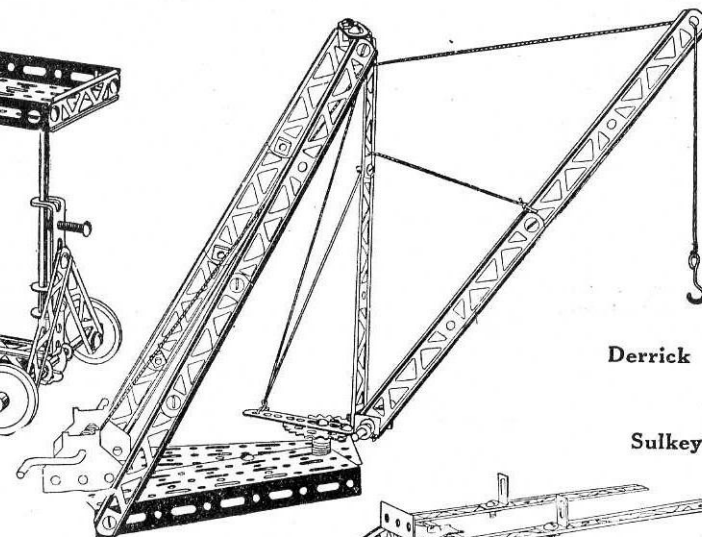
Plow



Invalid Table

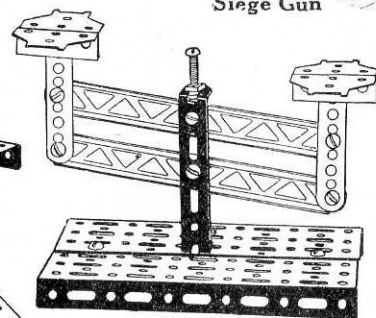


Siege Gun

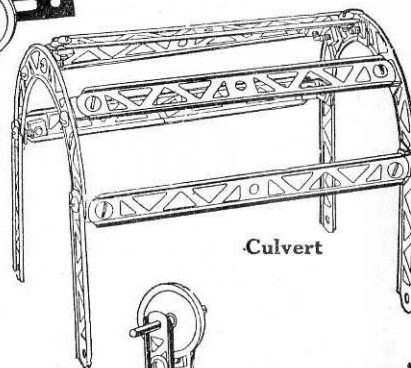


Derrick

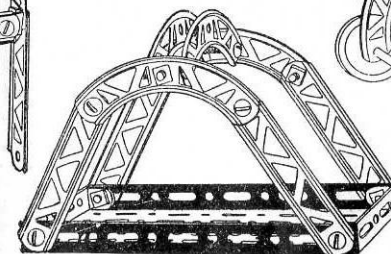
Sulkey



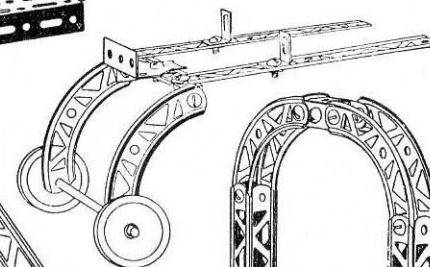
Scales



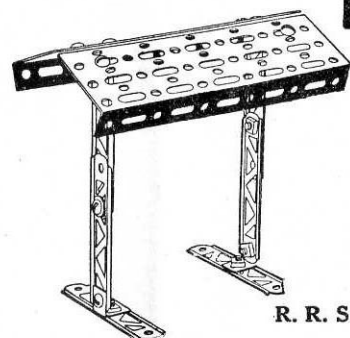
Culvert



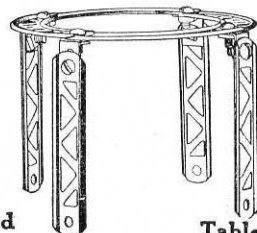
Basket



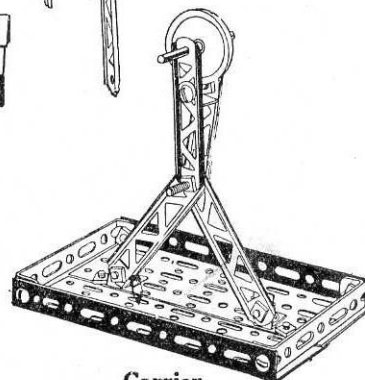
Arch & Stairs



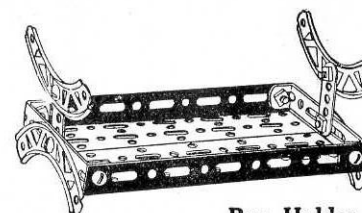
R. R. Shed



Table

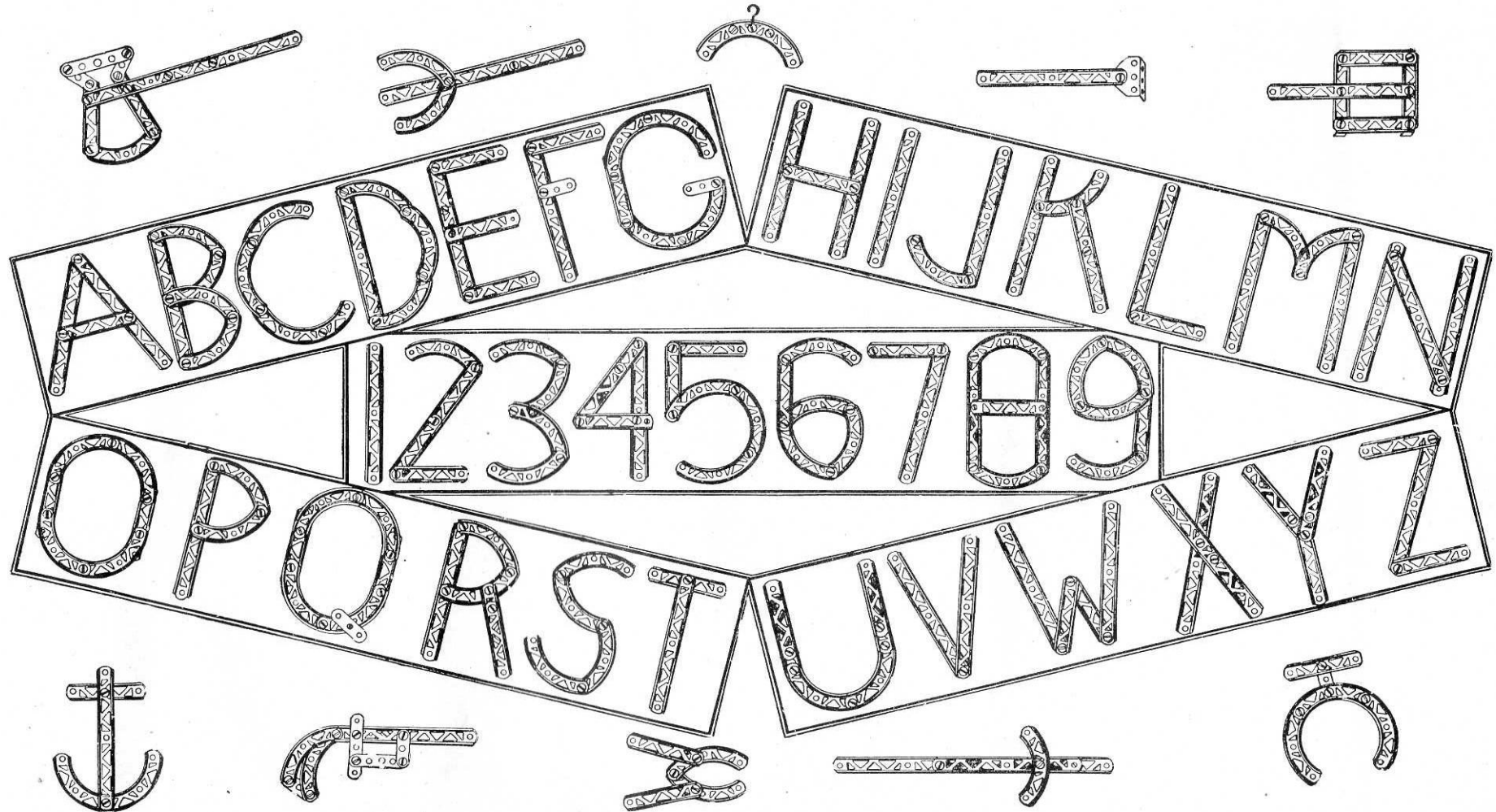


Carrier



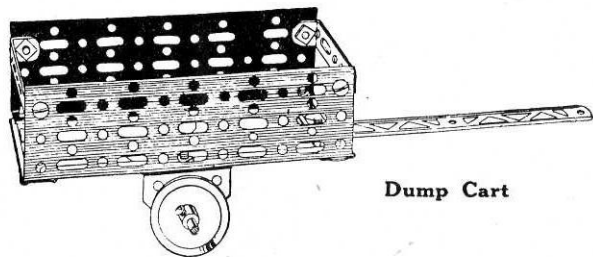
Pen Holder

Models Built With No. 1 Erector

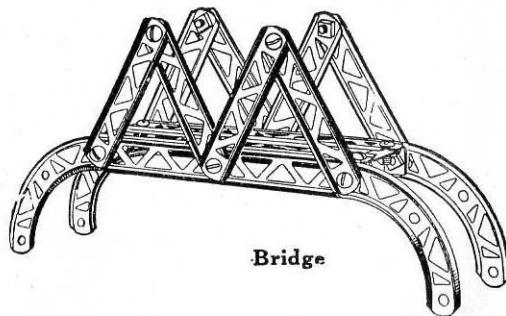


Models from No. 209 to No. 252 shown on this page

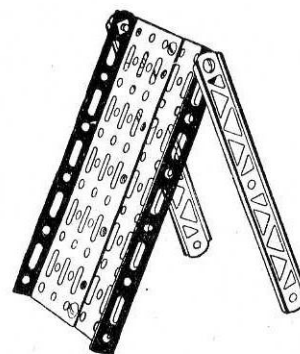
Models Built with No. 1 Erector



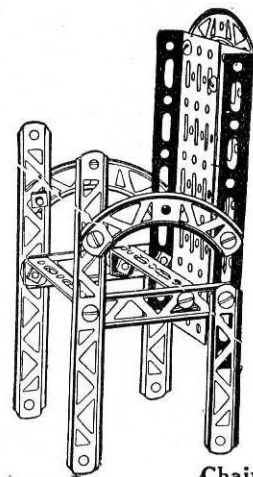
Dump Cart



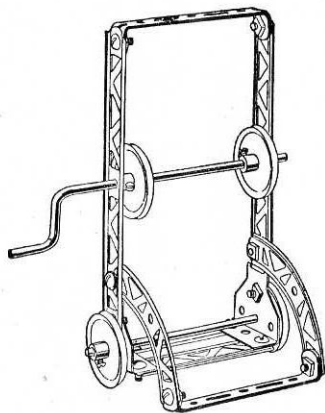
Bridge



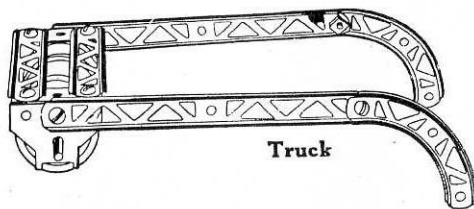
Sand Sifter



Chair



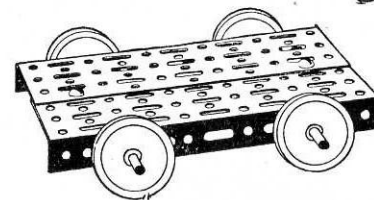
Hose Rack



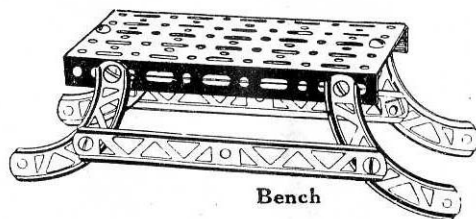
Truck



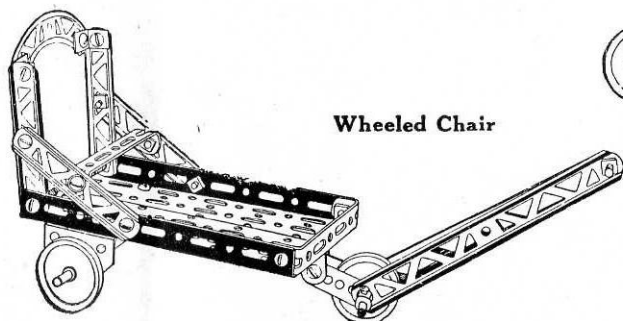
Bookkeeper Desk



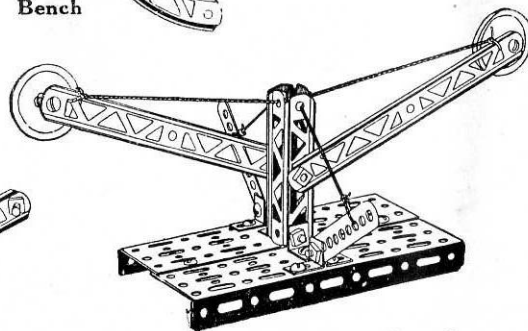
Low Truck



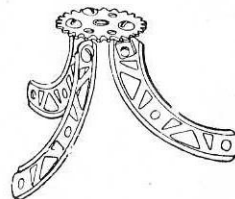
Bench



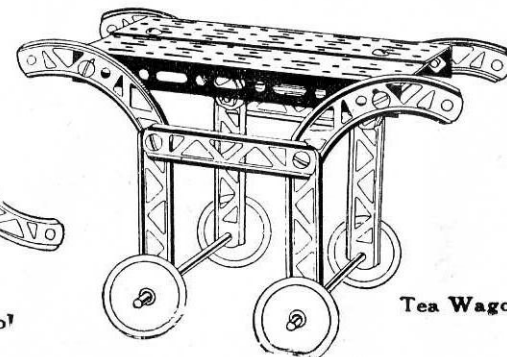
Wheeled Chair



R. R. Gate Crossing



Stool

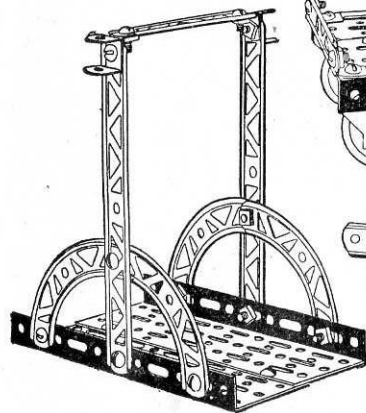


Tea Wagon

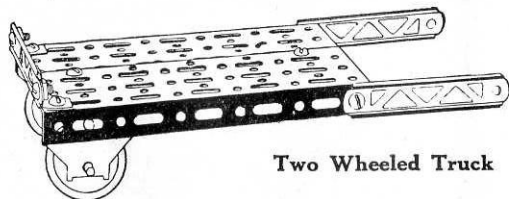
Models Built with No. 1 Erector

Hundreds of larger models can be built with larger Erector Sets. They are shown in other Books of Instruction furnished with each set.

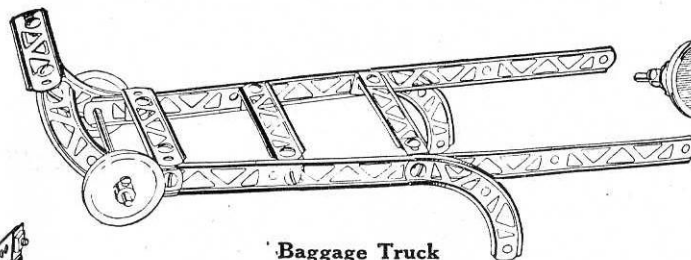
Elevator Car



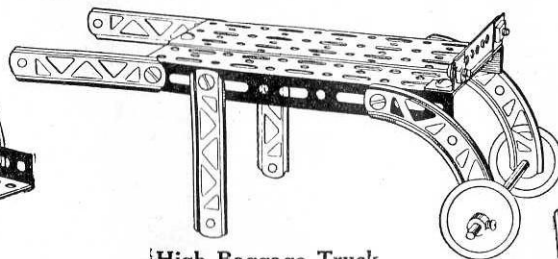
Two Wheeled Truck



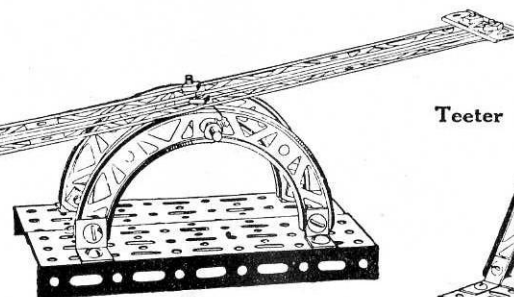
Baggage Truck



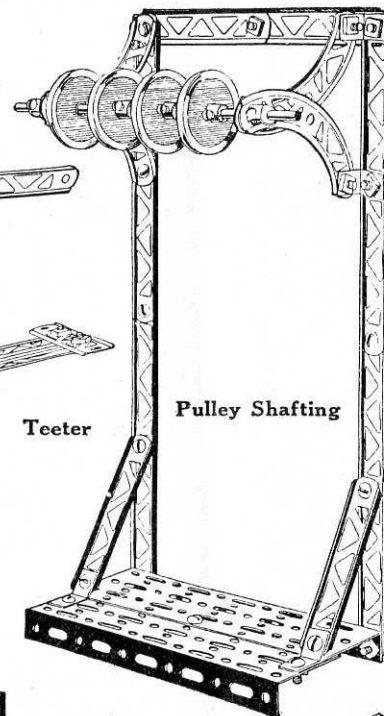
High Baggage Truck



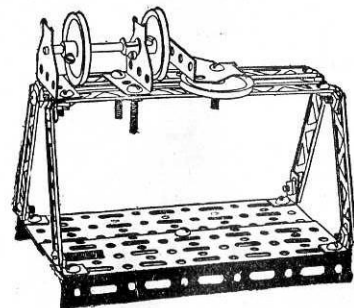
Teeter



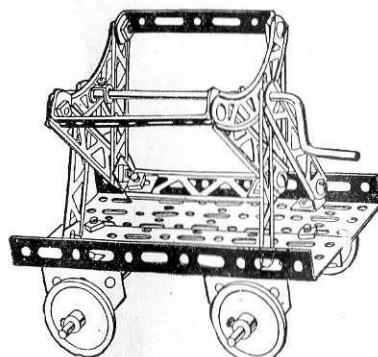
Pulley Shafting



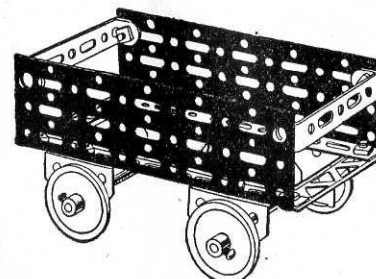
Lathe



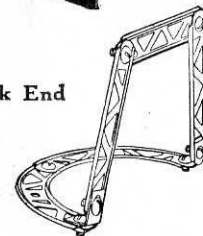
Dump Cart



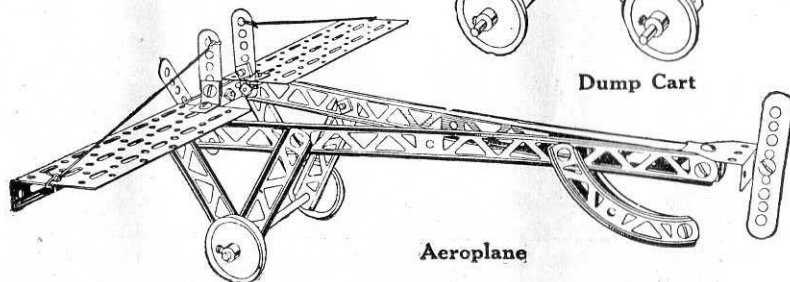
Push Wagon



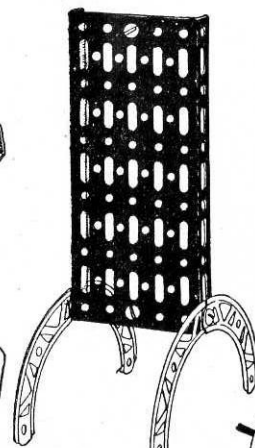
Book End



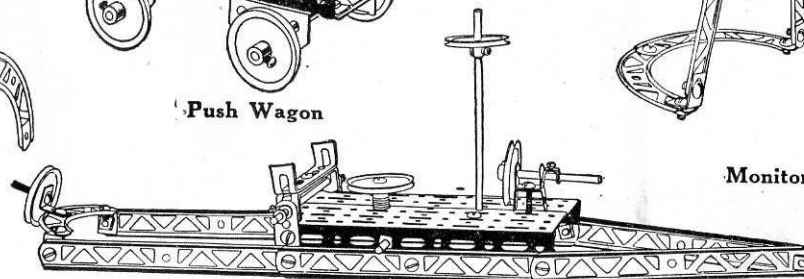
Aeroplane



Sign

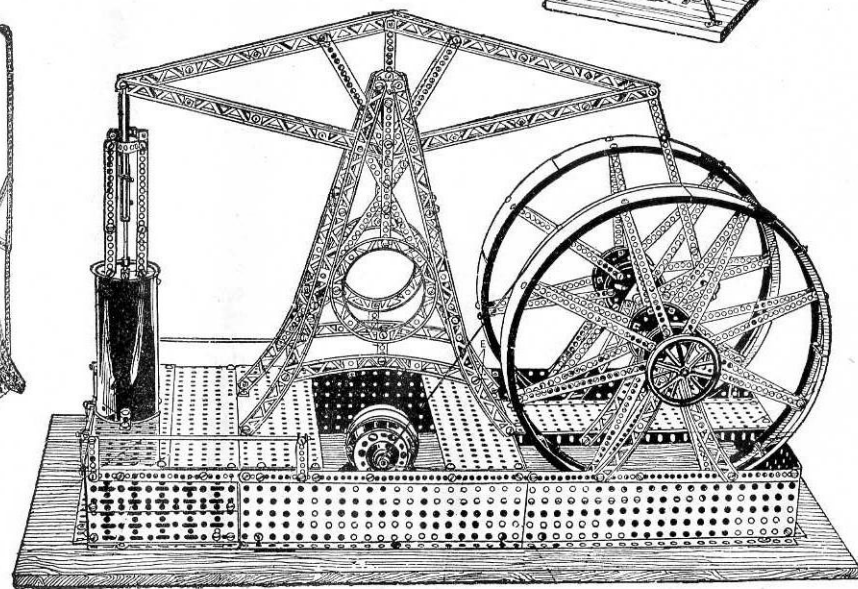
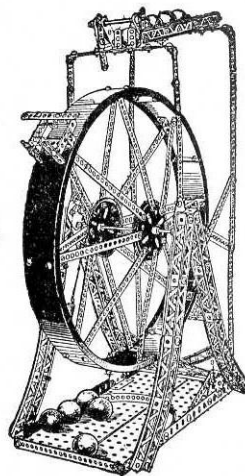
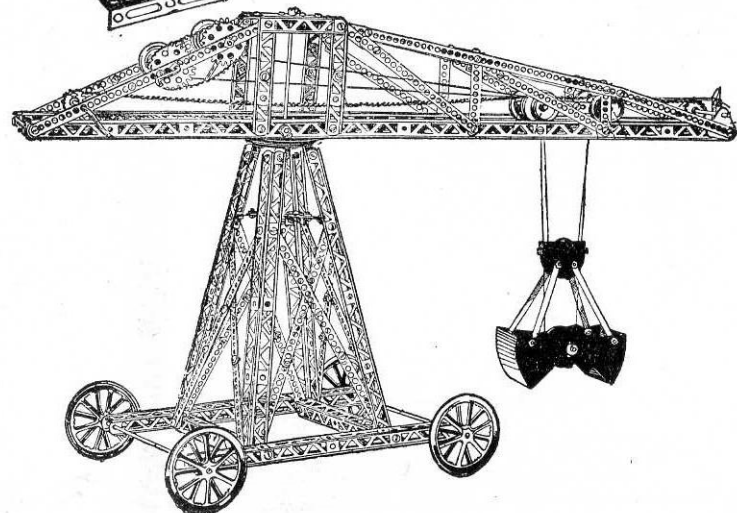
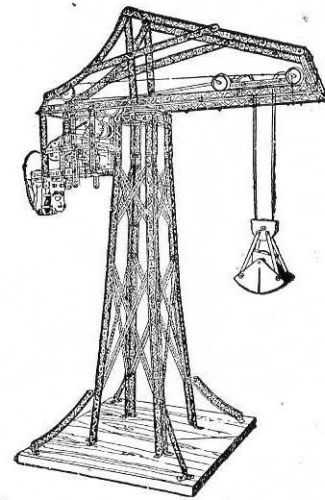
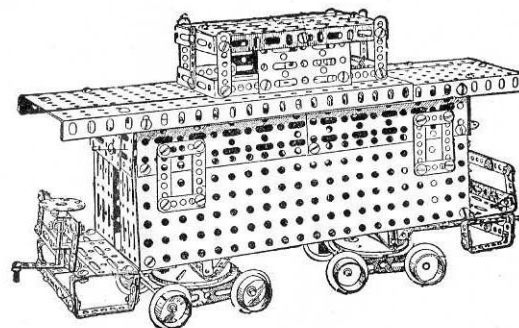
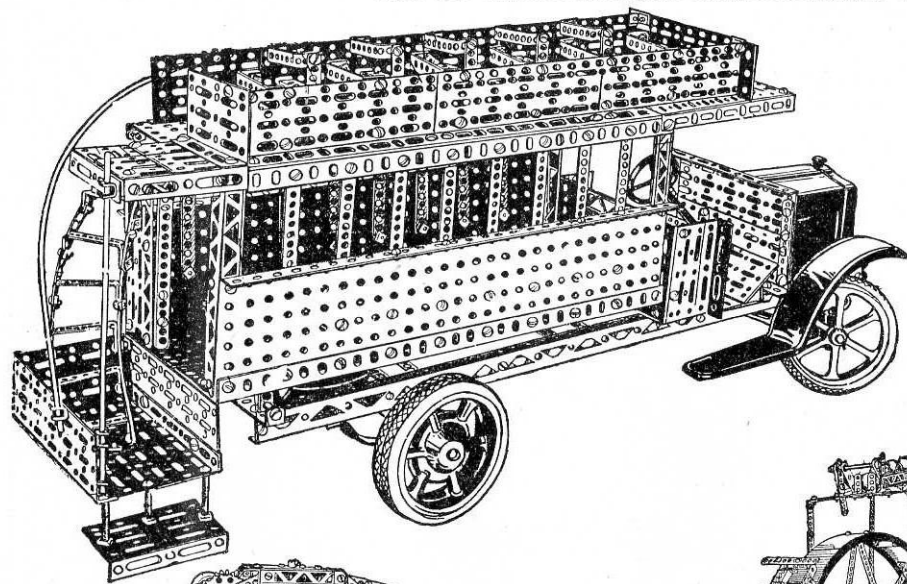


Monitor



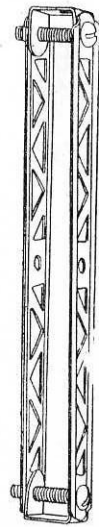
The New Erector Builds These Wonderful Models

All Of These Models Can Be Built With The Larger New Erector Sets

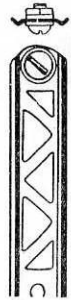


STANDARD DETAILS OF ERECTOR CONSTRUCTION

Section 2



Parallel Beam

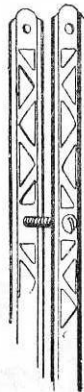
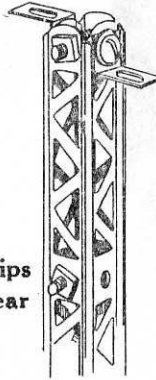


use washers to prevent screw from protruding too far beyond girder

Fastening Strips to Pierced Gear

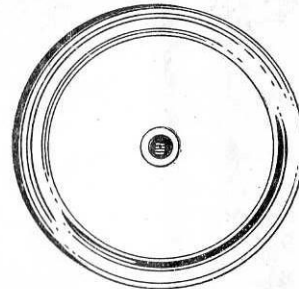
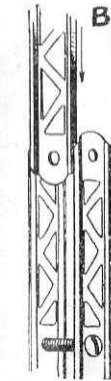


How Channel Keeps Angle in Position

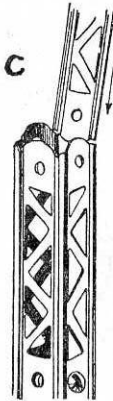


A

5 in. Square Girder

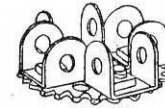
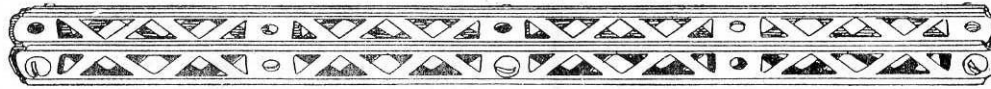


For Those Who Have A No. 3 Erector Set, Use FP Disc Wheel in Place of P17 Spoke Wheel



C

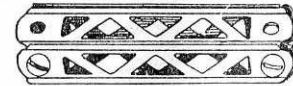
10 in. Square Girder



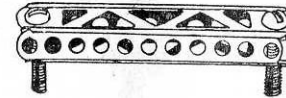
Method of fastening Double Angles to Pierced



Showing method of making bearings for axle

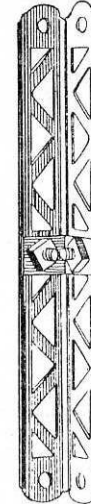
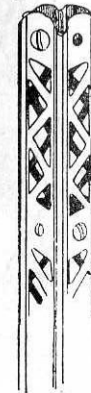


2 1/2 in. Square Girder

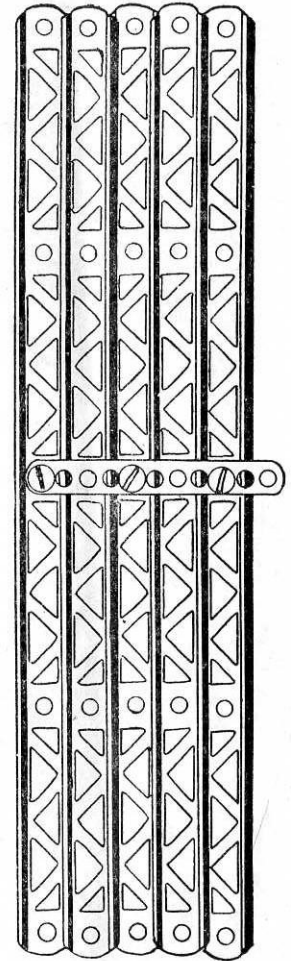


2 1/2 in. I-beam

D

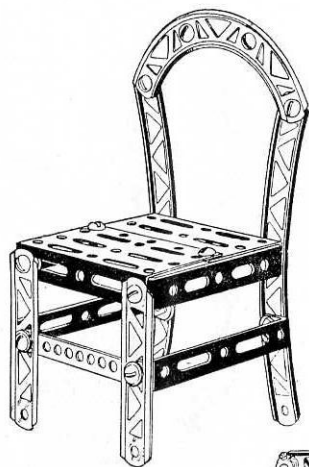


Angle Iron

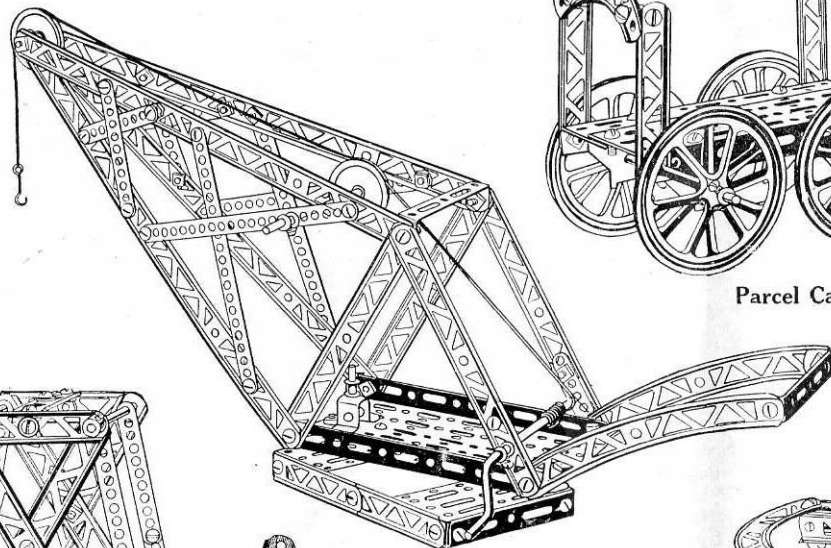


Flooring Construction

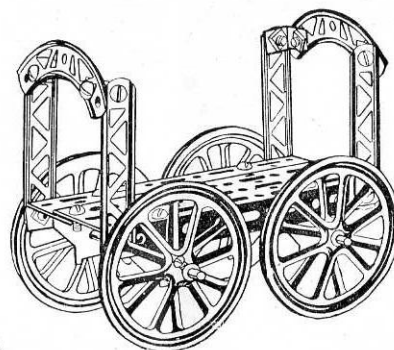
Models built with No. 3 Erector



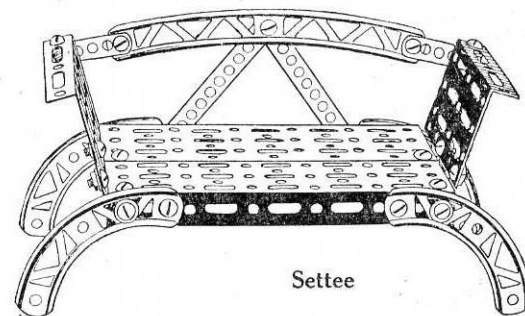
Chair



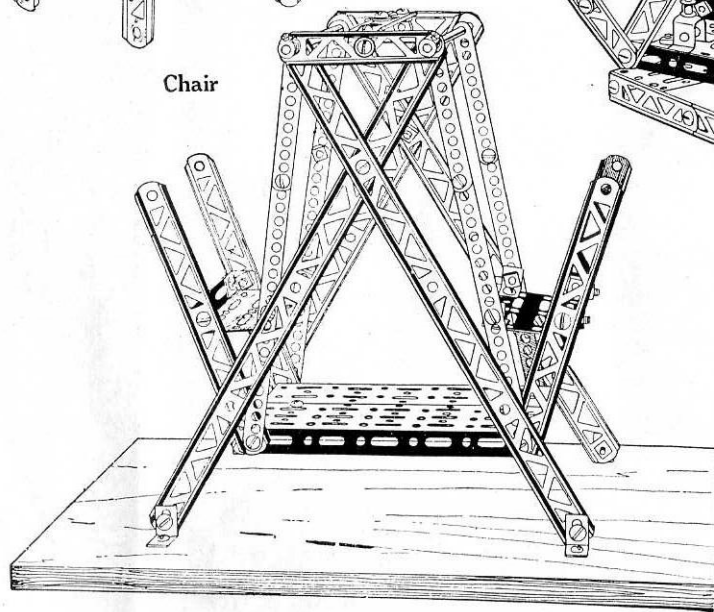
Swivel Crane



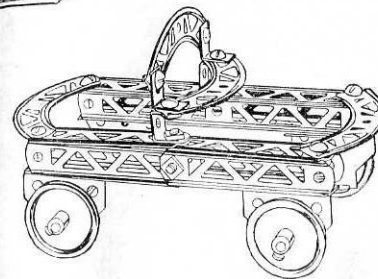
Parcel Carrier



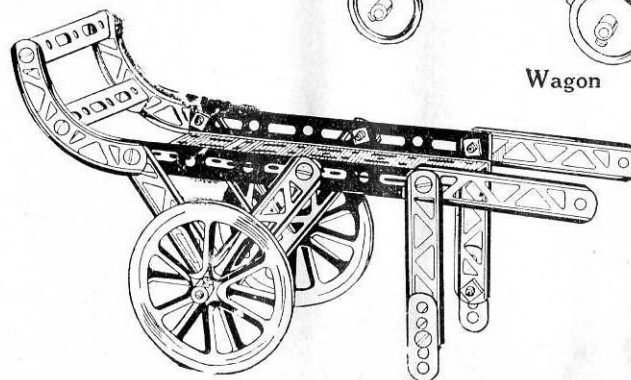
Settee



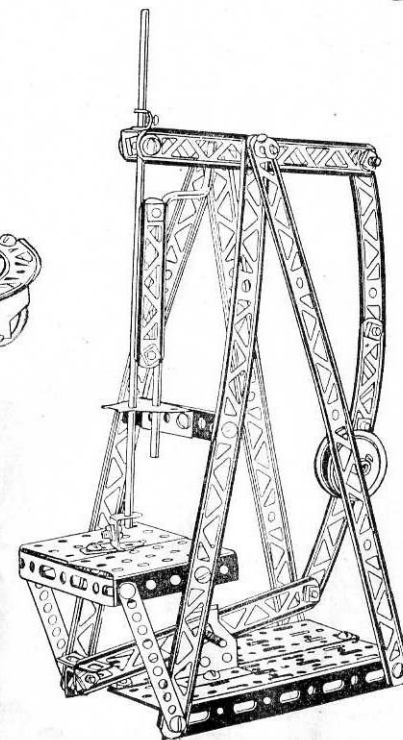
Lawn Swing



Wagon



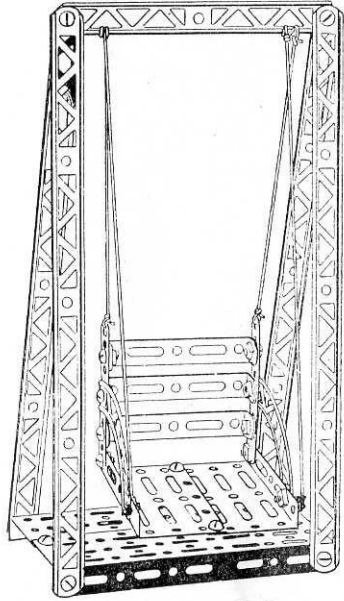
Hand Baggage Truck



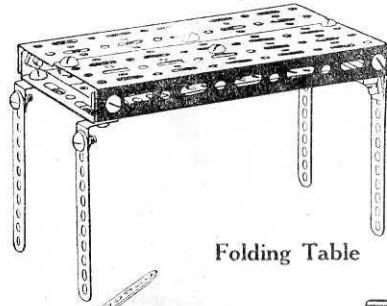
Foot Punch Press

Models built with No. 3 Erector

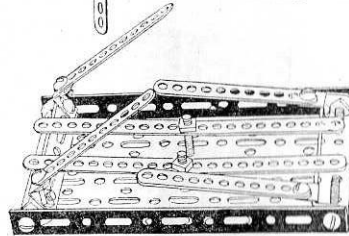
The number of models that can be built with Erector is unlimited. While we show a great many in this book they are only indications of the large number of different varieties and the adaptability of Erector, The World's Greatest Toy,



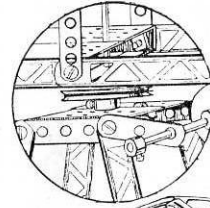
Swing



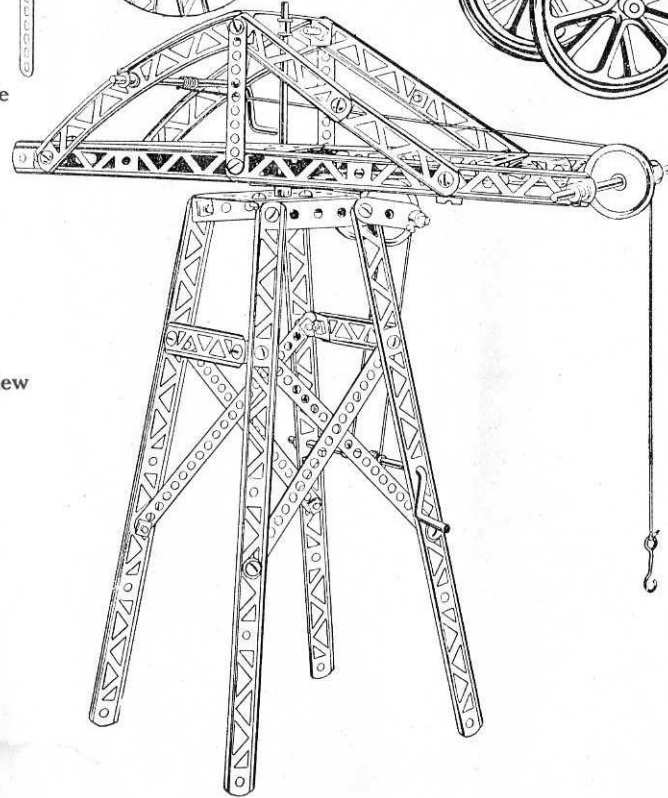
Folding Table



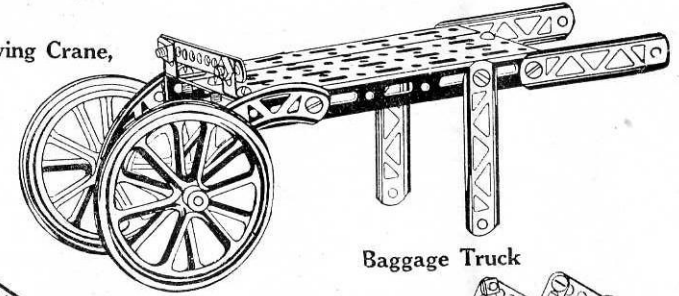
Folding Table, Bottom View



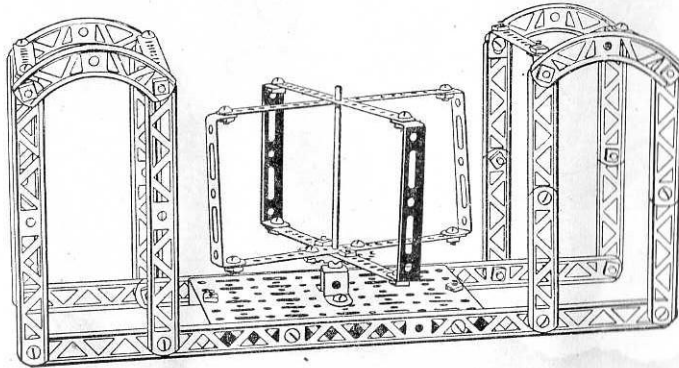
Revolving Crane,
Detail View



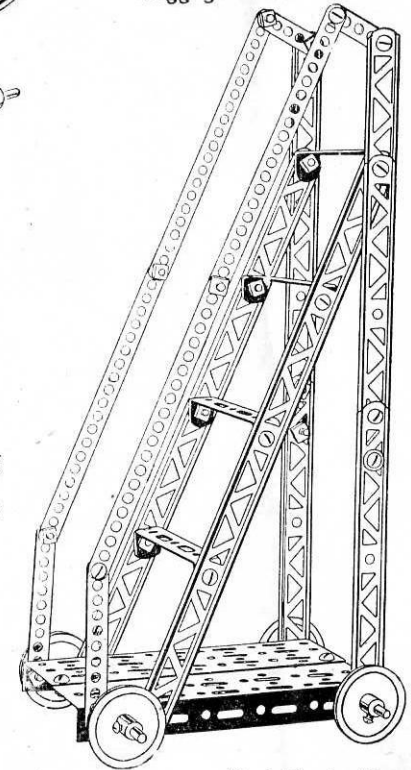
Revolving Crane



Baggage Truck

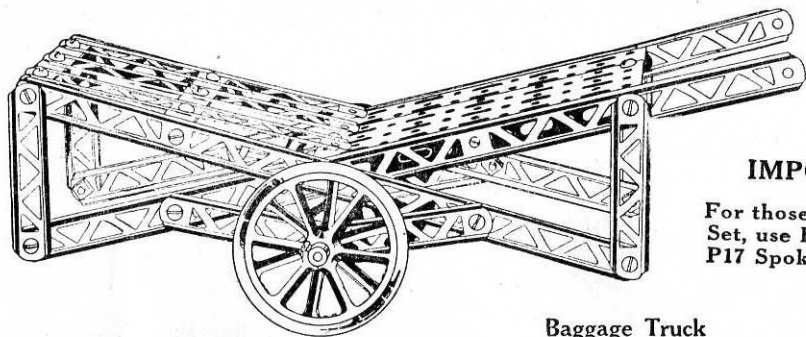


Turn Stile



Portable Ladder

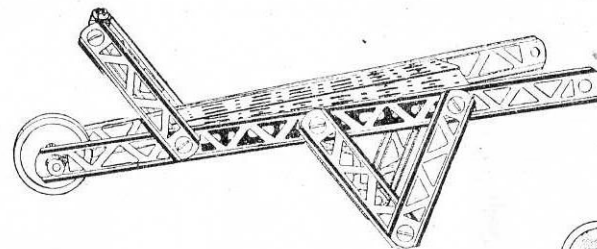
Models built with No. 3 Erector



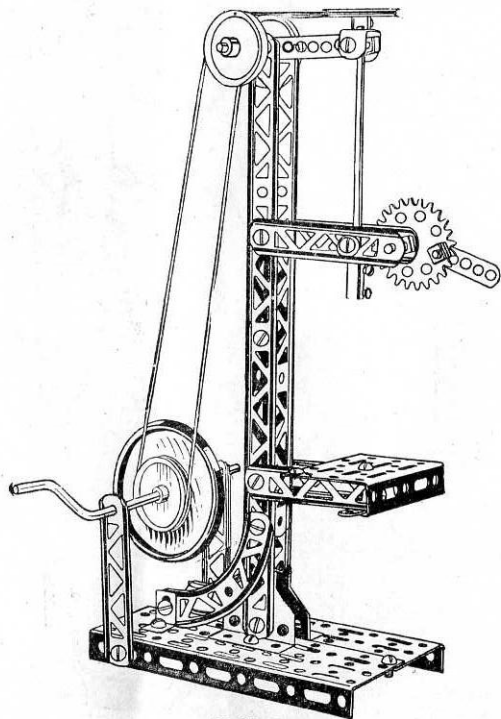
Baggage Truck

IMPORTANT NOTICE

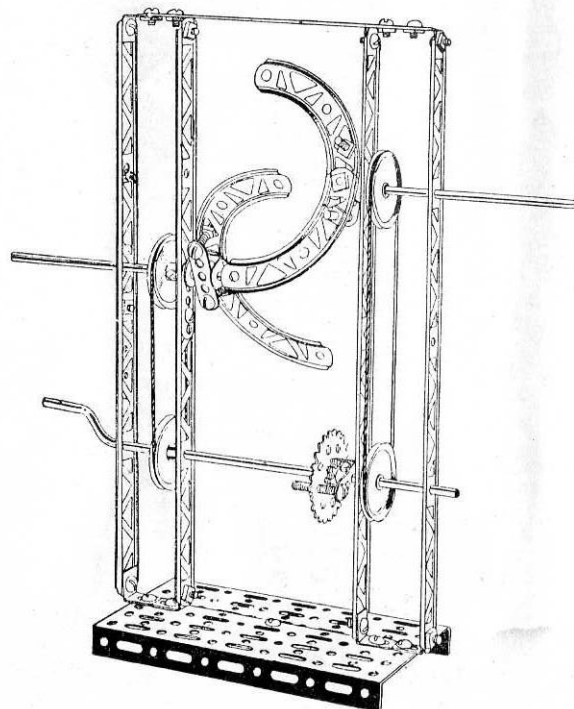
For those who have a No. 3 Erector Set, use FP Disc Wheel in place of P17 Spoke Wheel.



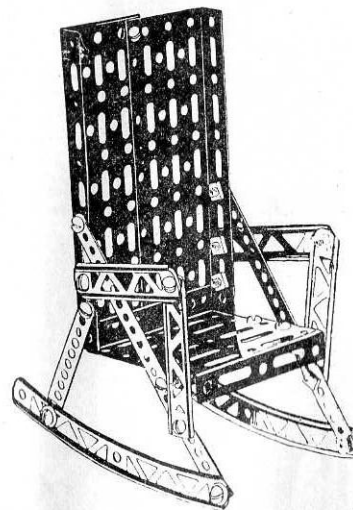
Stone Mason's Wheelbarrow



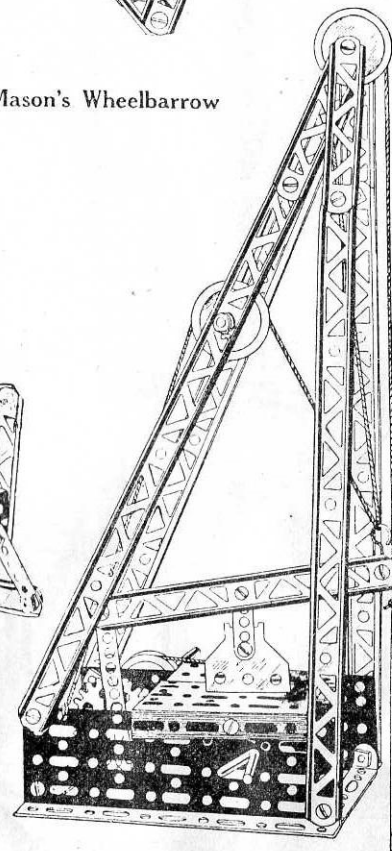
Drill Press



Candy Puller

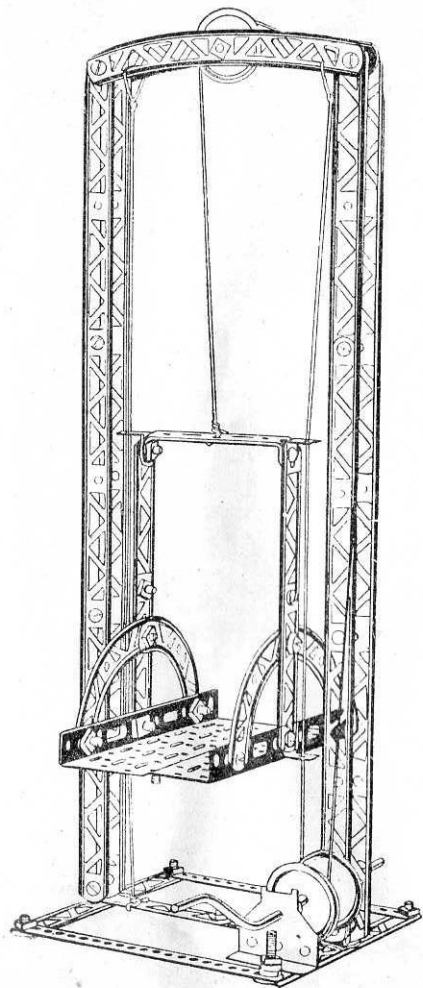


Rocking Chair

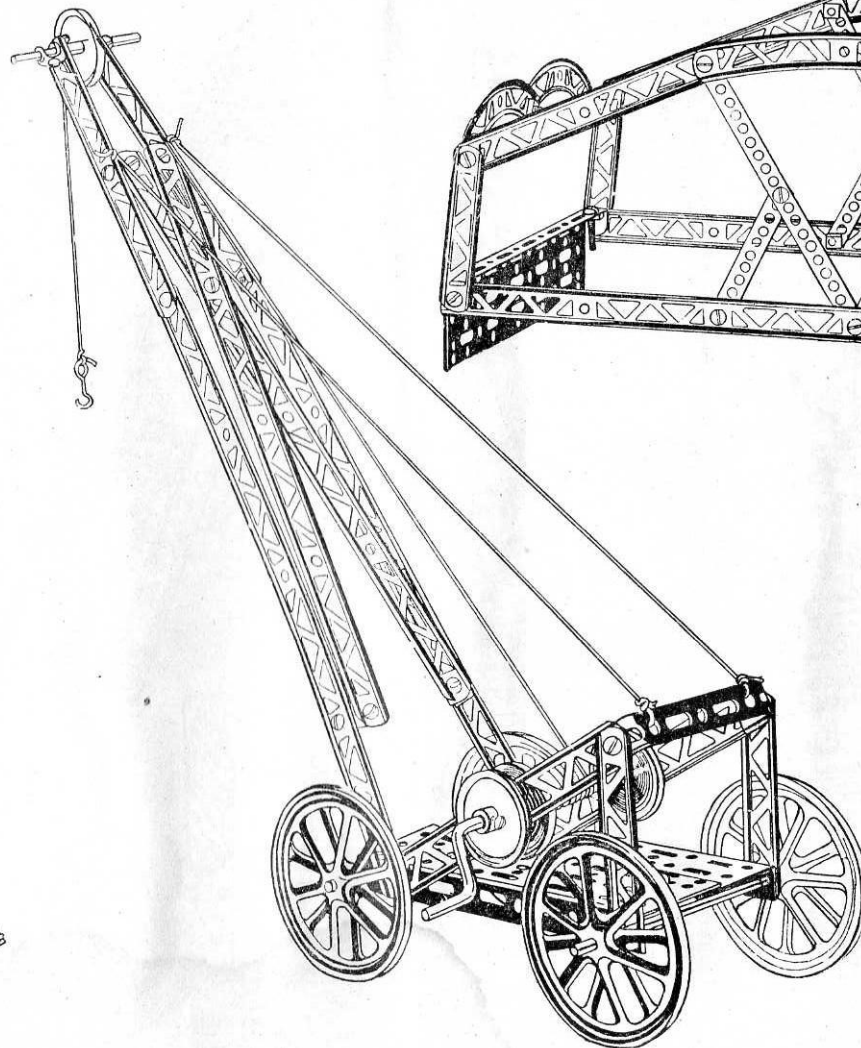


Well Driller

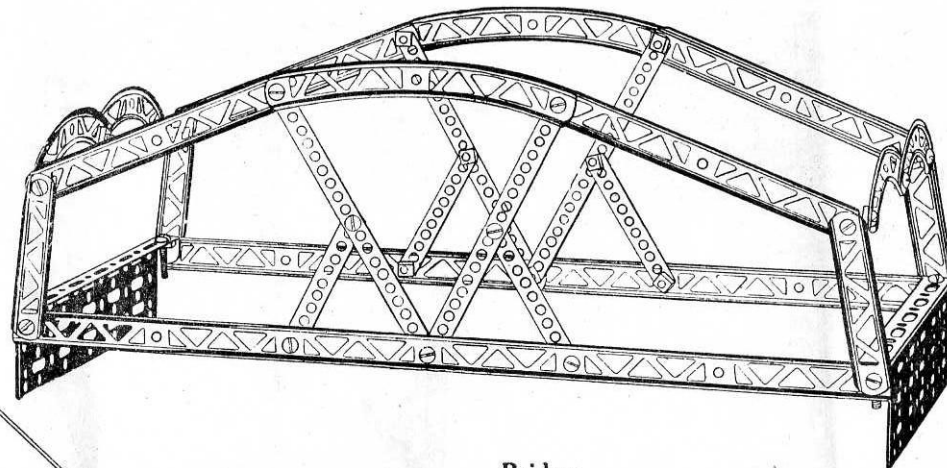
Models built with No. 3 Erector



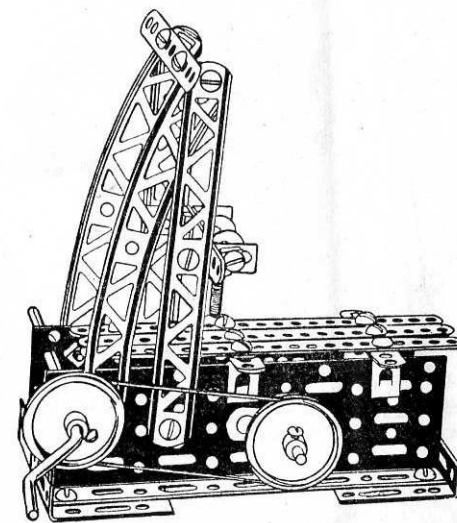
Builder's Hoist



Portable Derrick

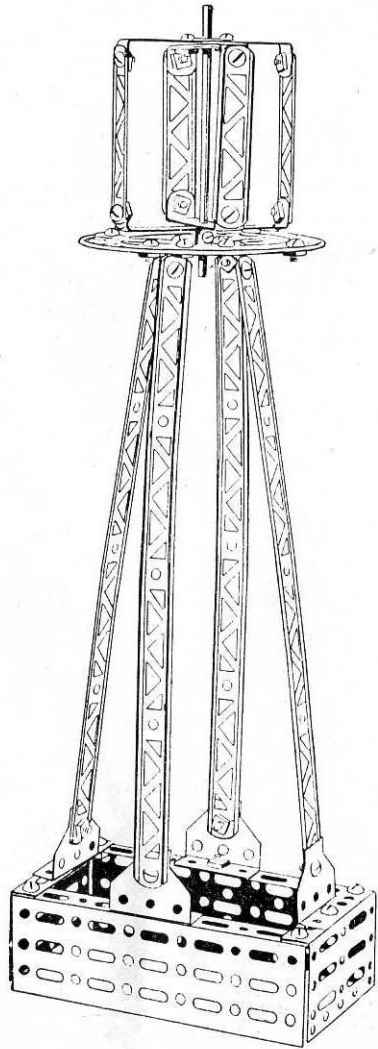


Bridge

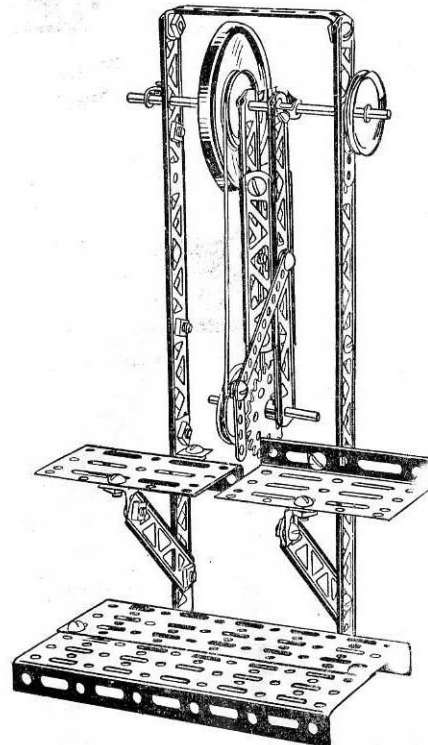


Planer

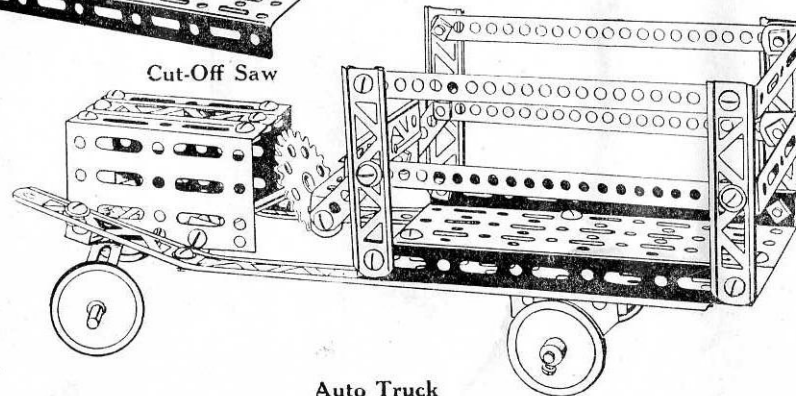
Models built with No. 3 Erector



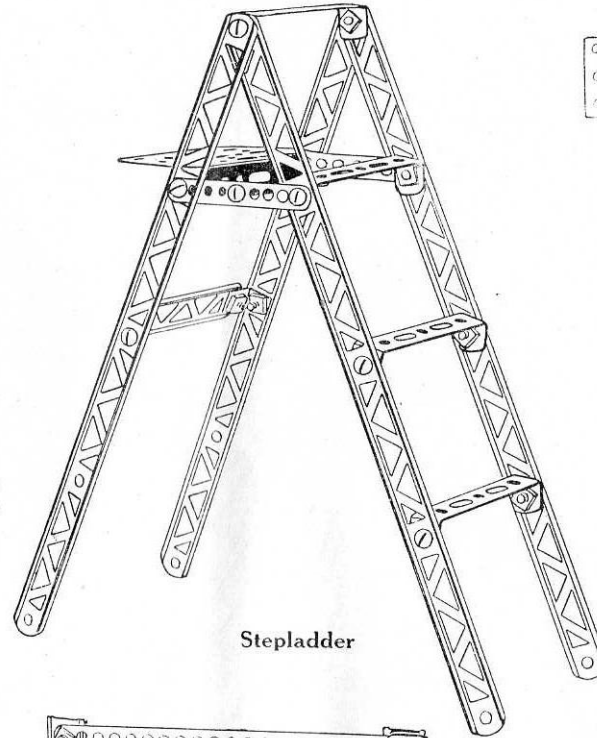
Lighthouse



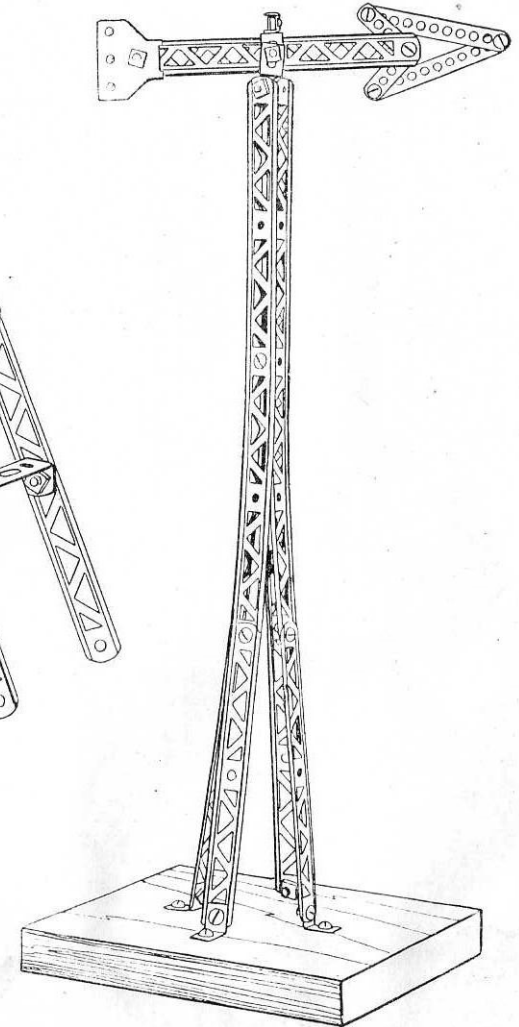
Cut-Off Saw



Auto Truck

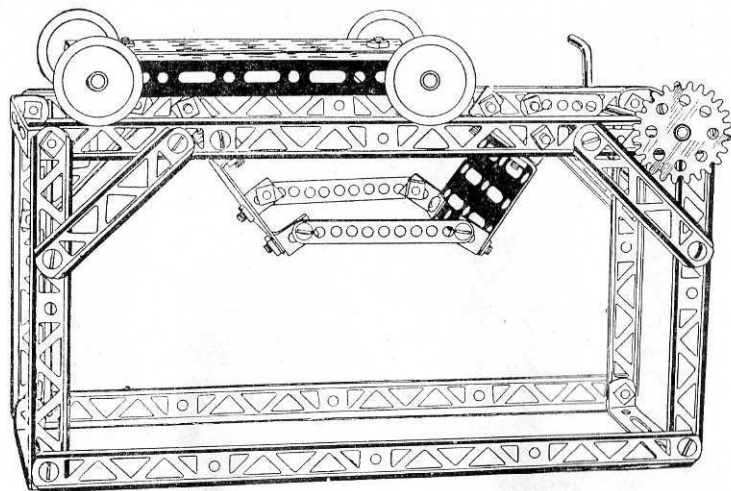


Stepladder

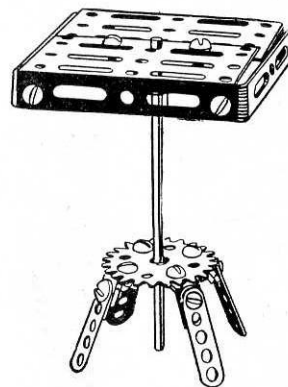


Weather Vane

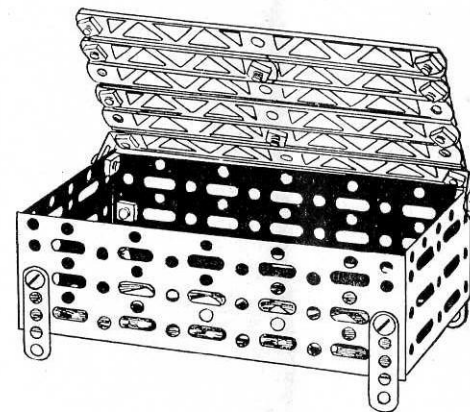
Models built with No. 3 Erector



Sifter



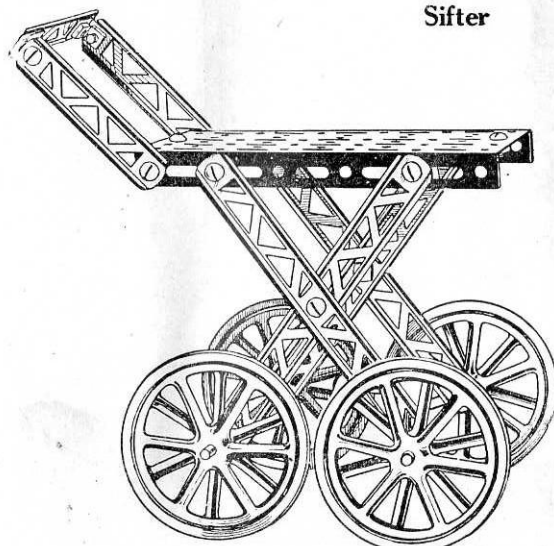
Stand



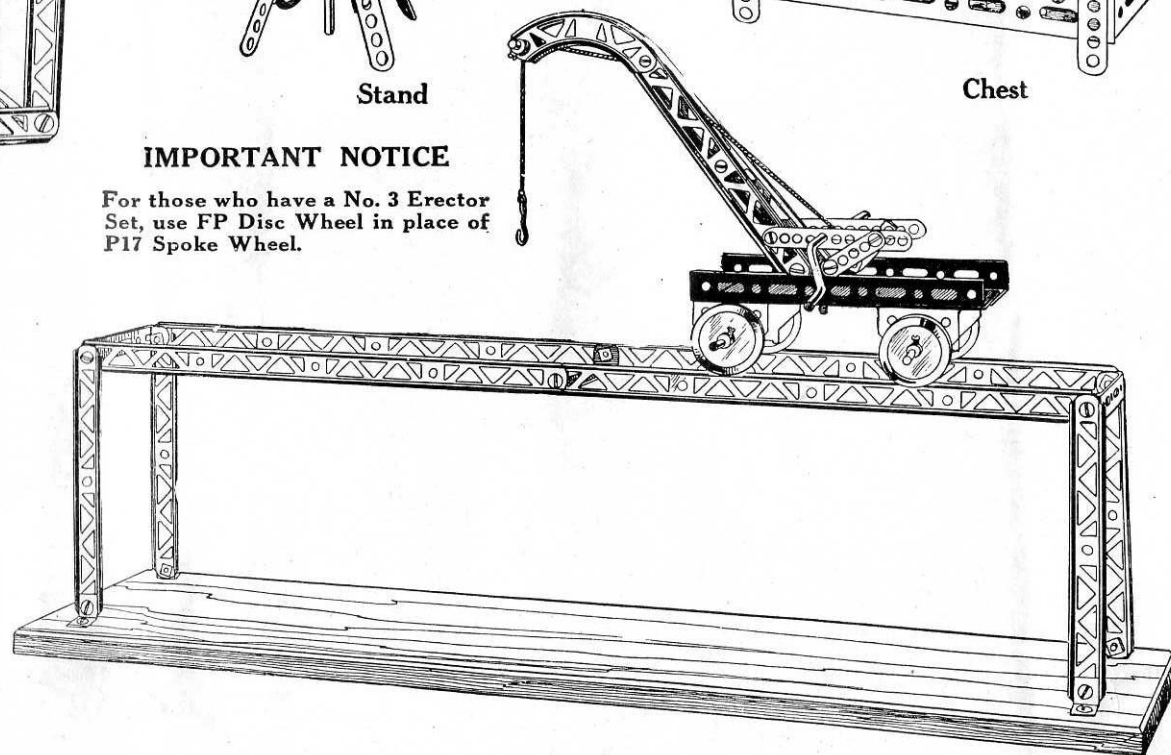
Chest

IMPORTANT NOTICE

For those who have a No. 3 Erector Set, use FP Disc Wheel in place of P17 Spoke Wheel.

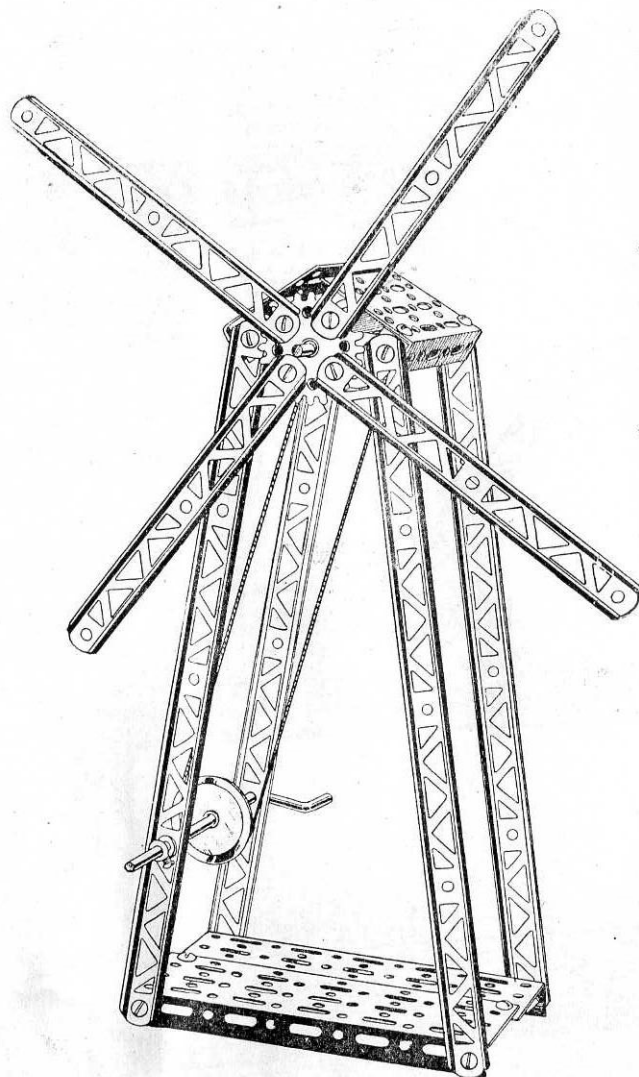


Tea Wagon

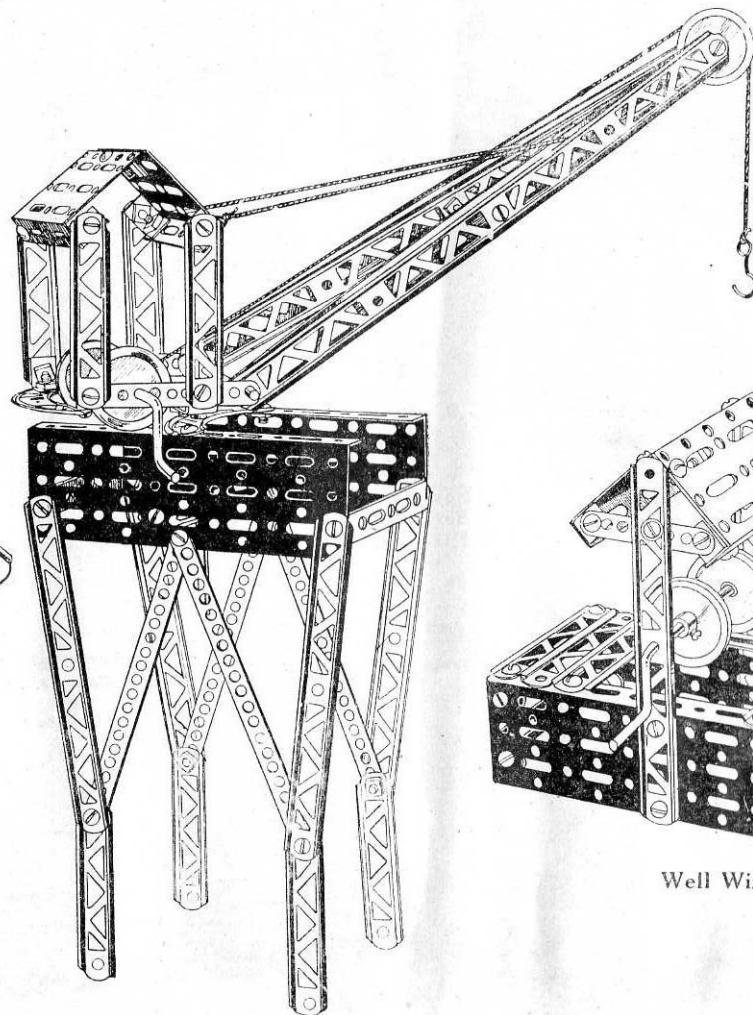


Travelling Crane

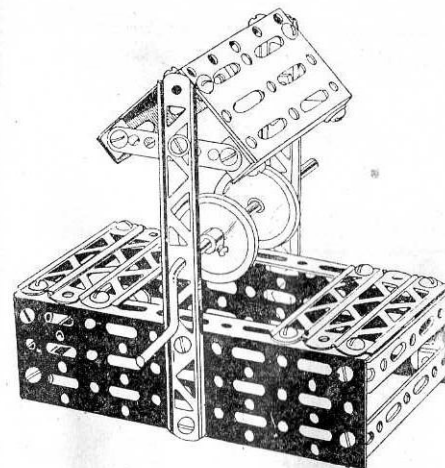
Models built with No. 3 Erector



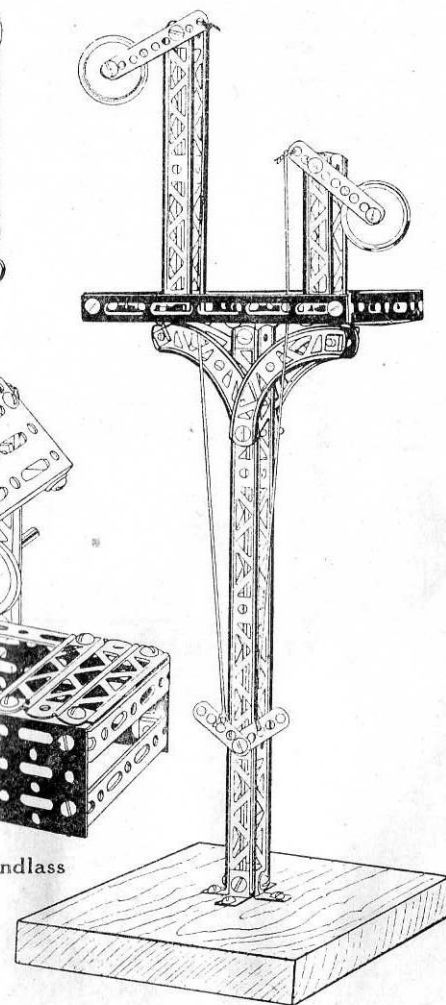
Windmill



Ship Crane

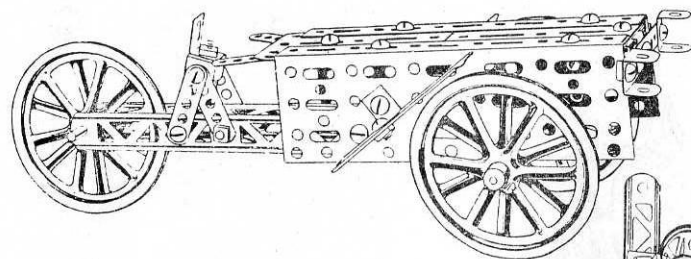


Well Windlass

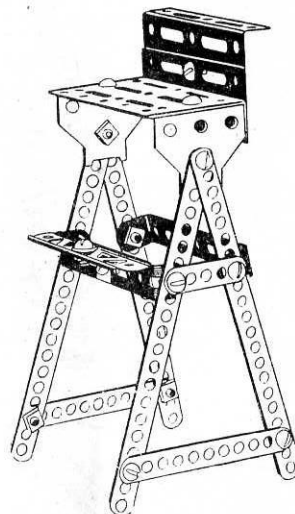


Semaphore

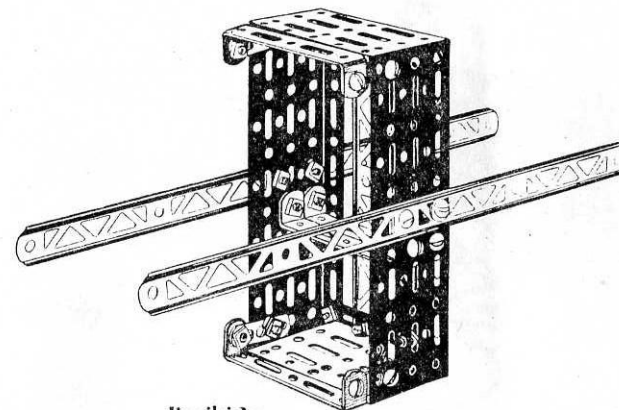
Models built with No. 3 Erector



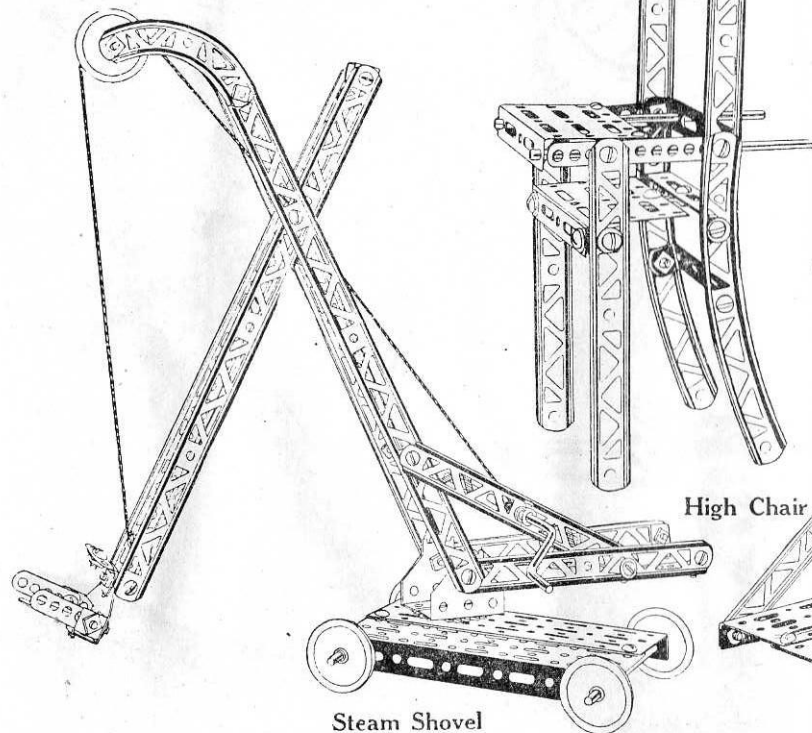
Rural Motor Parcel Post Delivery



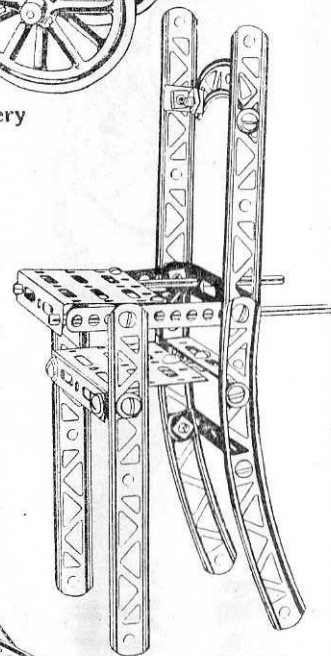
Judge's Chair



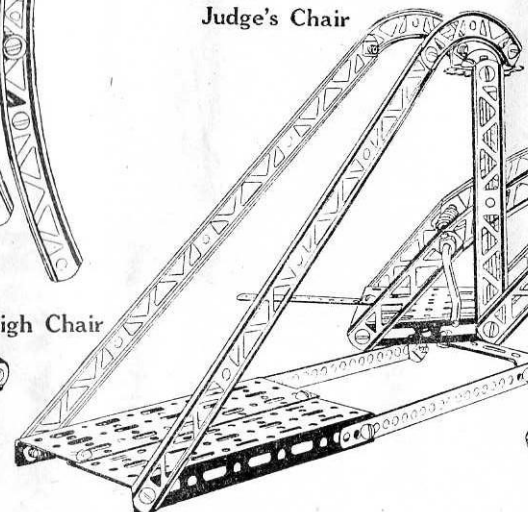
Jinrikisha



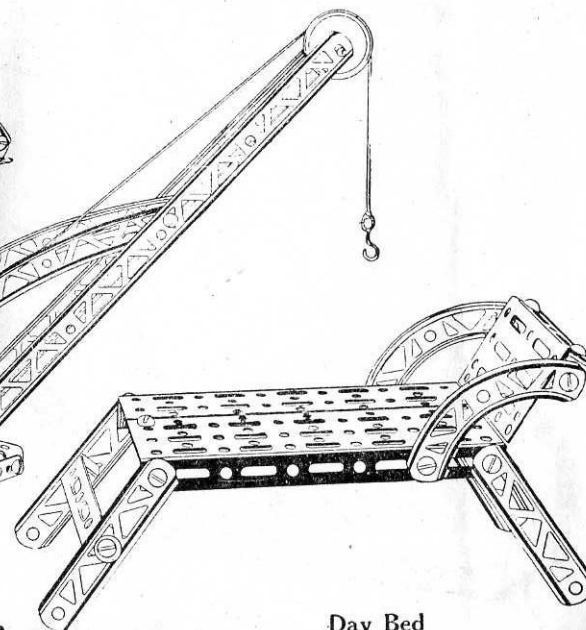
Steam Shovel



High Chair

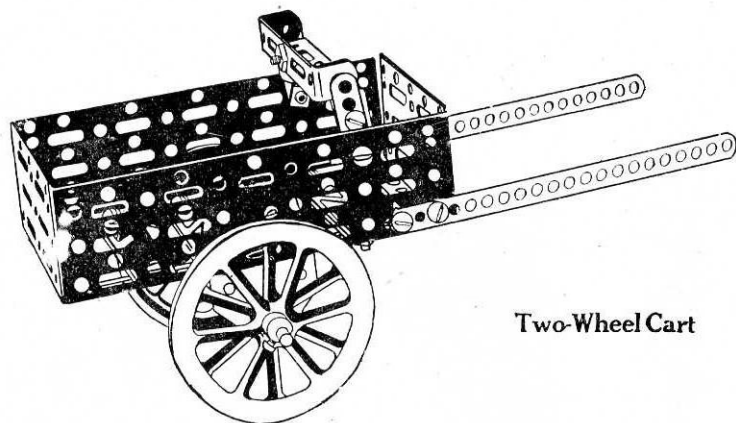


Swinging Stationary Jib Crane

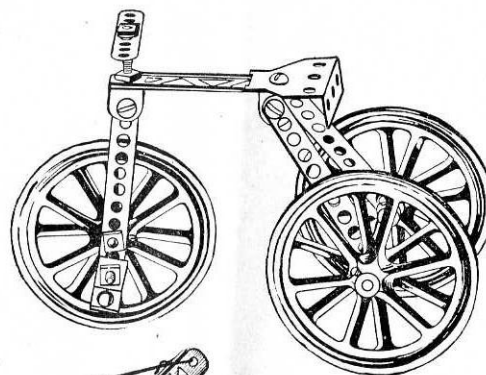


Day Bed

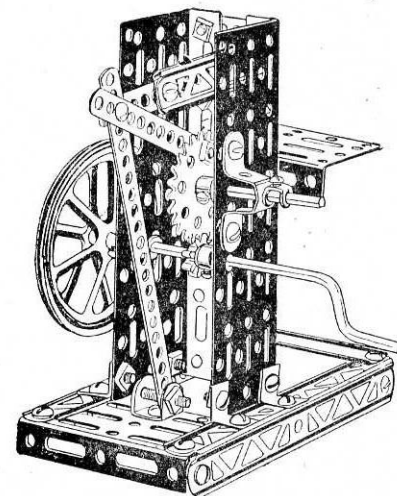
Models built with No. 3 Erector



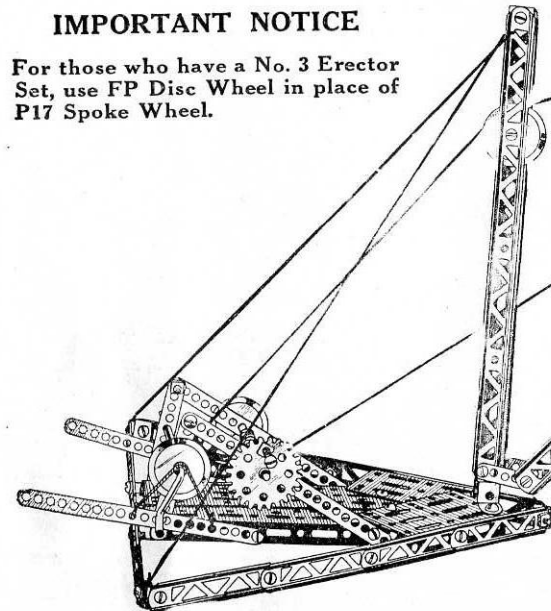
Two-Wheel Cart



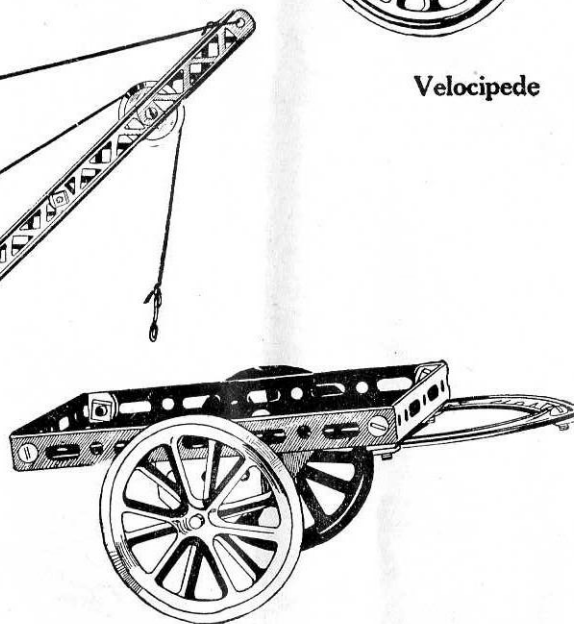
Velocipede



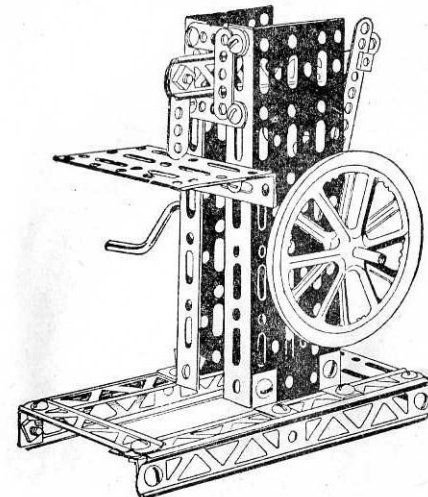
Shaper, Back View



Boom Derrick



Street Vender's Wagon

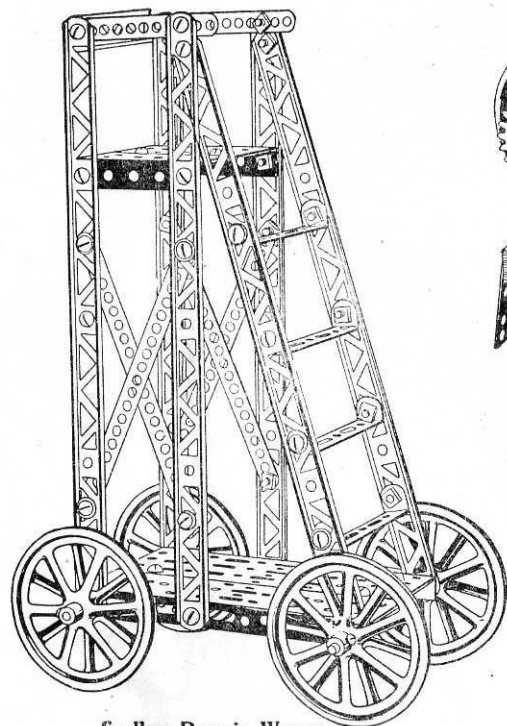


Shaper

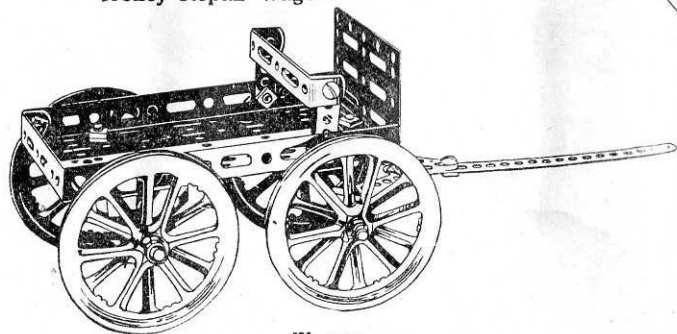
IMPORTANT NOTICE

For those who have a No. 3 Erector Set, use FP Disc Wheel in place of P17 Spoke Wheel.

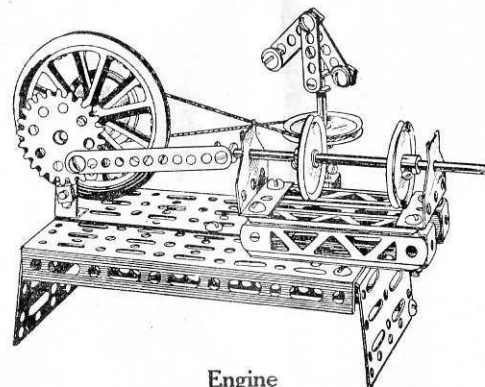
Models built with No. 3 Erector



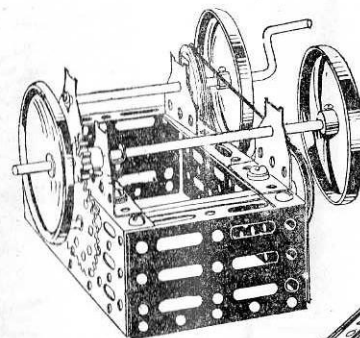
Trolley Repair Wagon



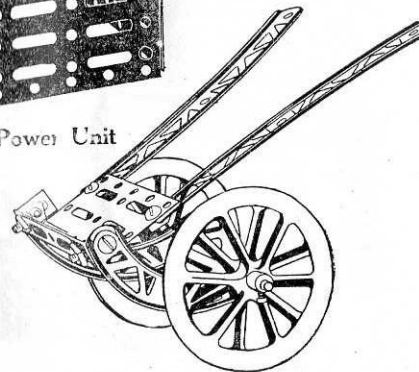
Wagon



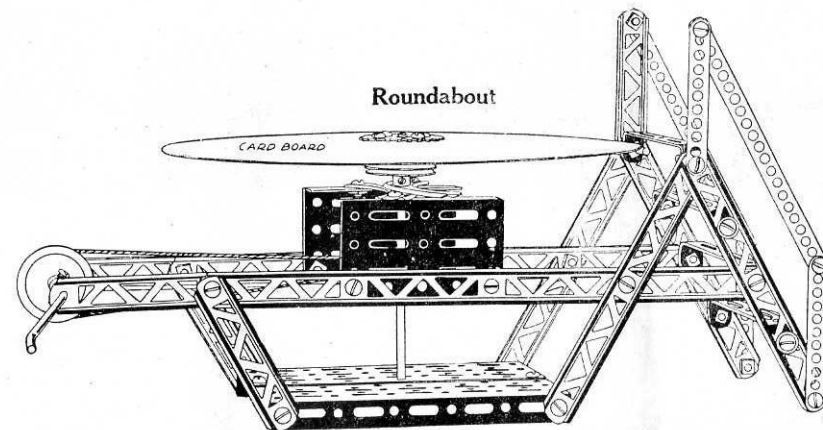
Engine



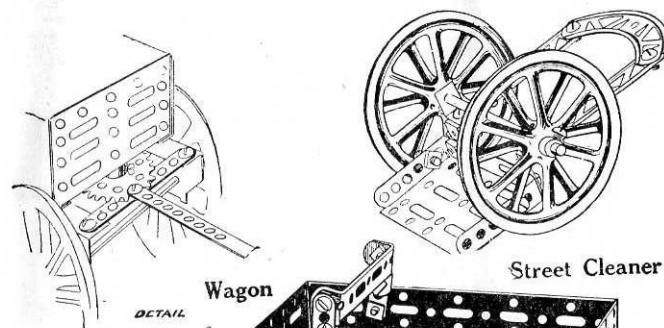
Power Unit



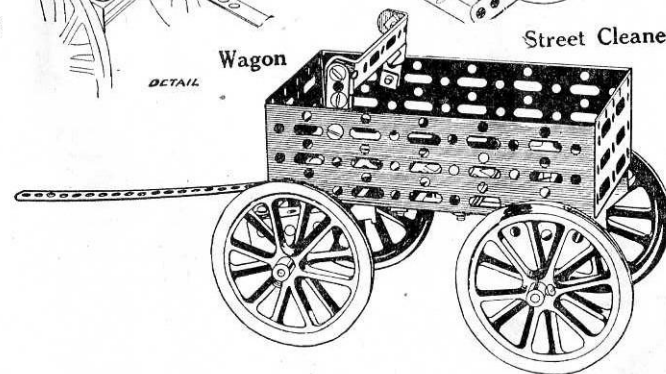
Sulky



Roundabout

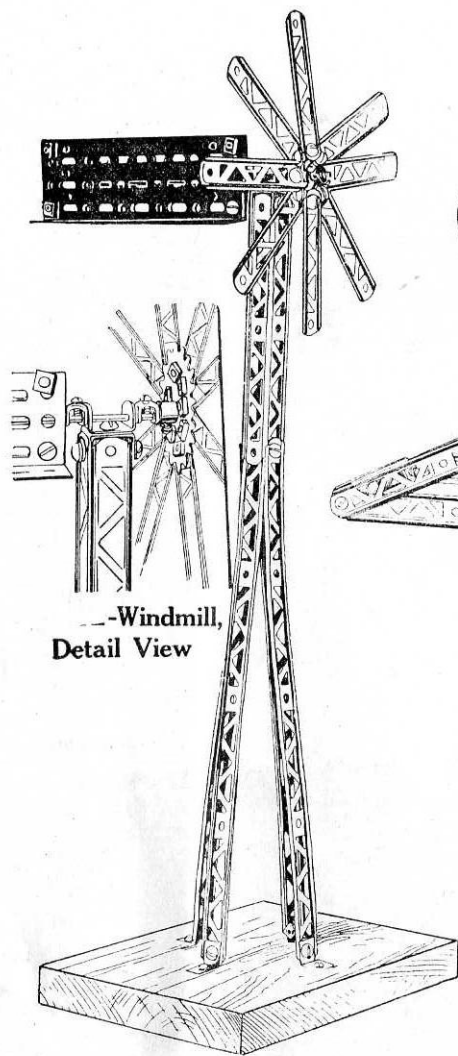


Street Cleaner



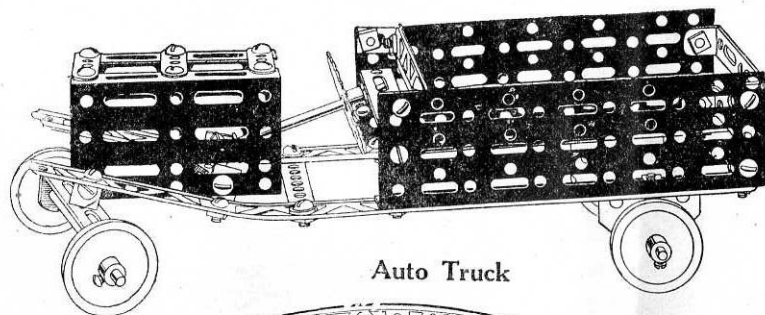
Wagon

Models built with No. 3 Erector

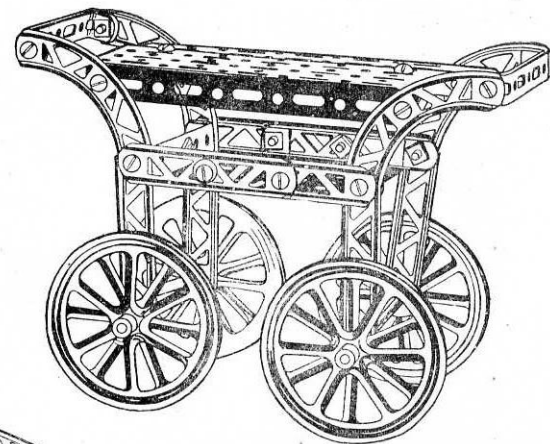


Windmill,
Detail View

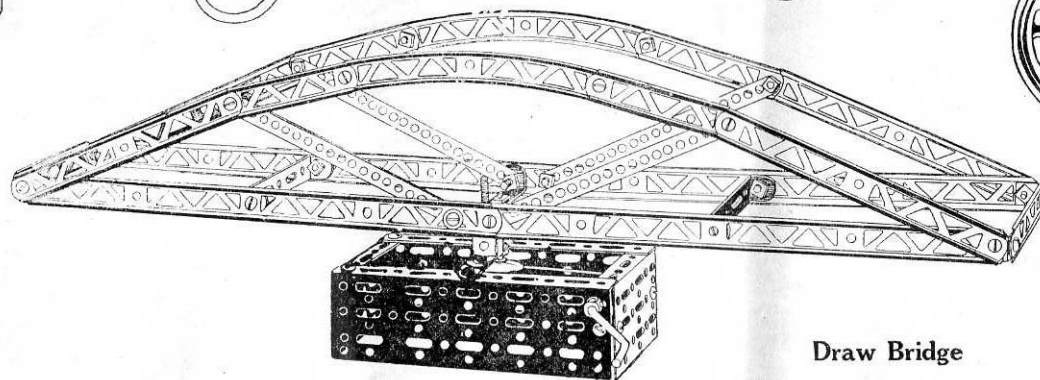
Windmill



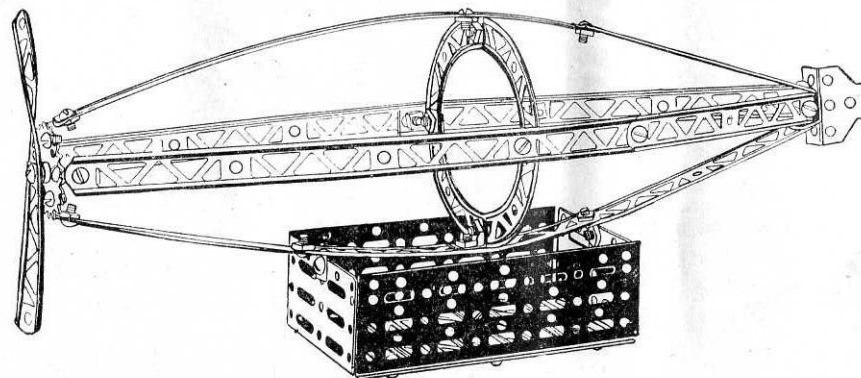
Auto Truck



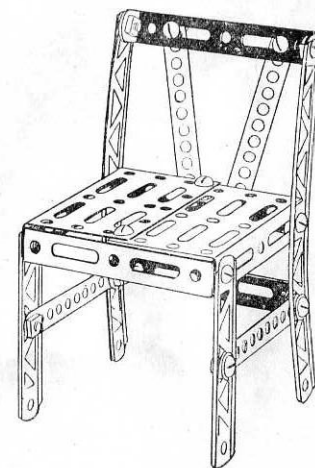
Tea Wagon



Draw Bridge

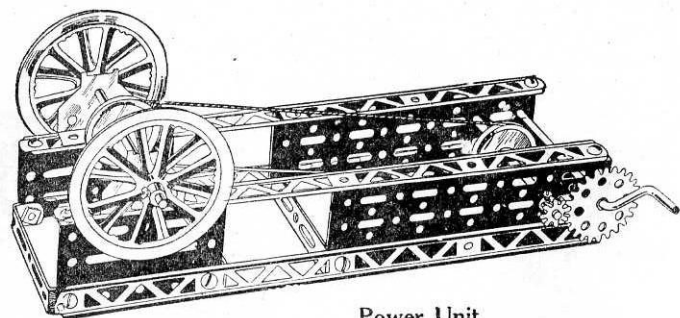


Dirigible

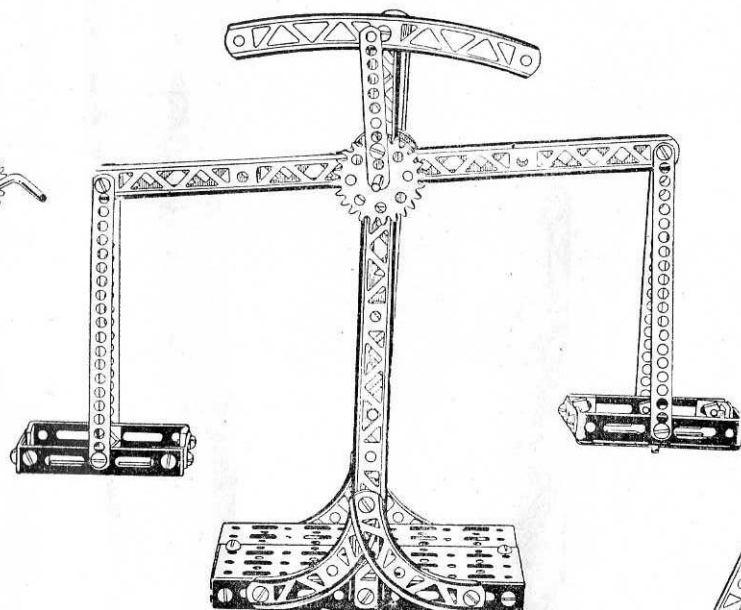


Chair

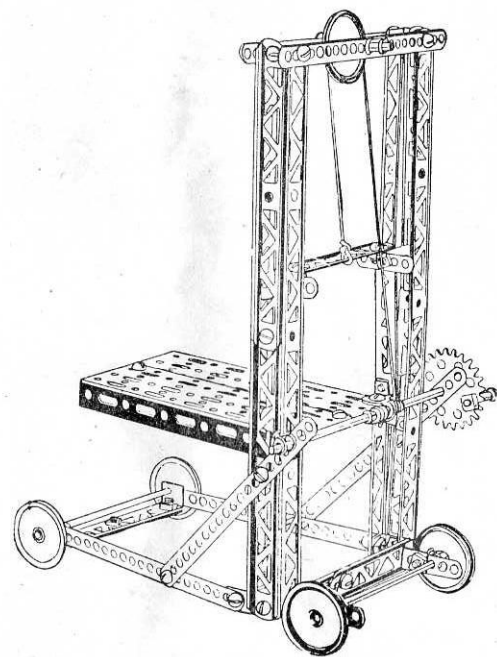
Models built with No. 3 Erector



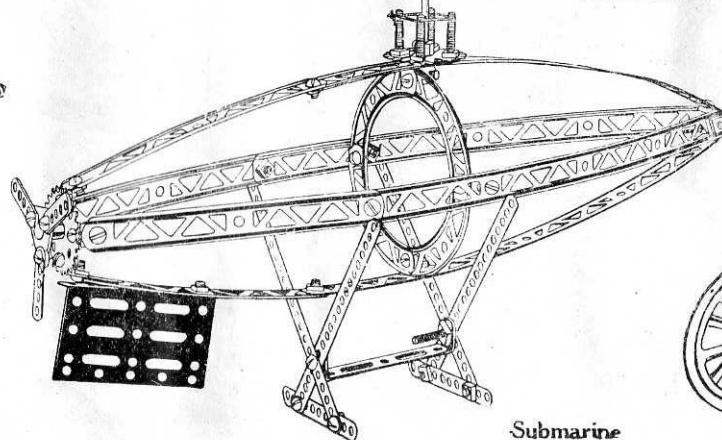
Power Unit



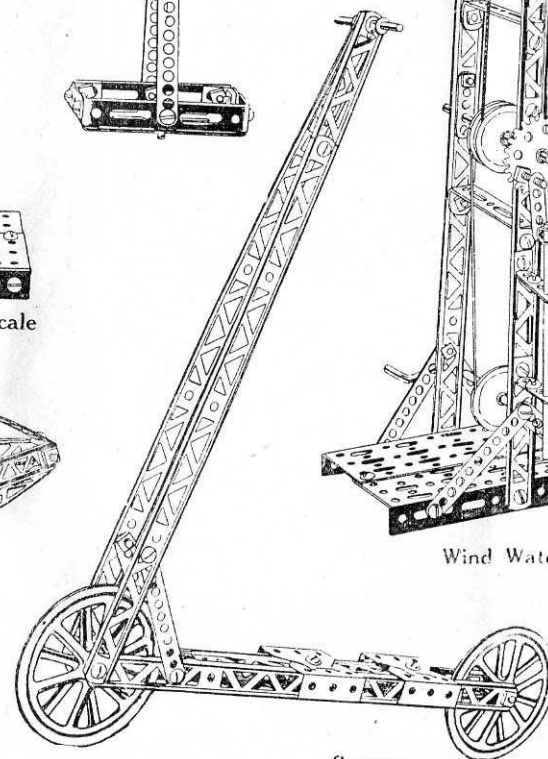
Beam Scale



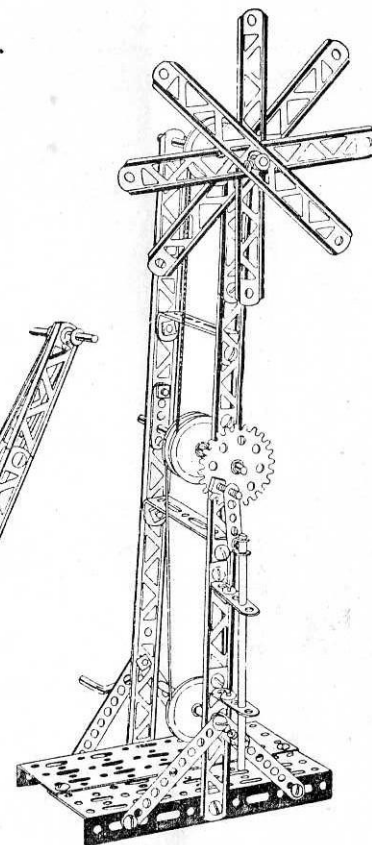
Tying Machine



Submarine

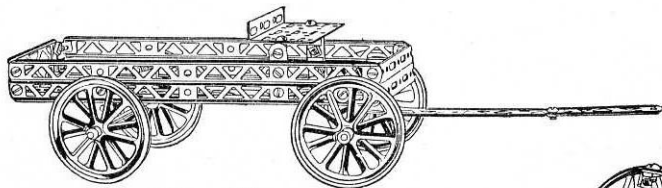


Scooter

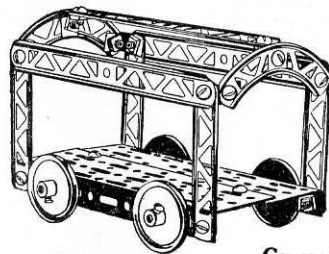


Wind Water Pump

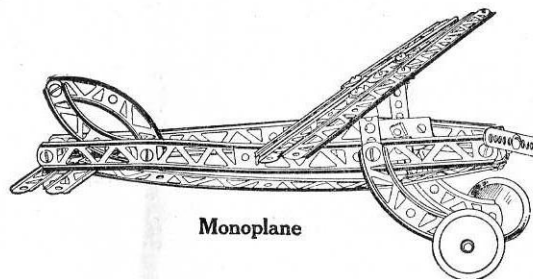
MODELS BUILT WITH NO. 3 ERECTOR



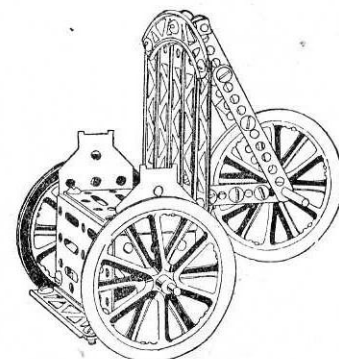
Farm Wagon



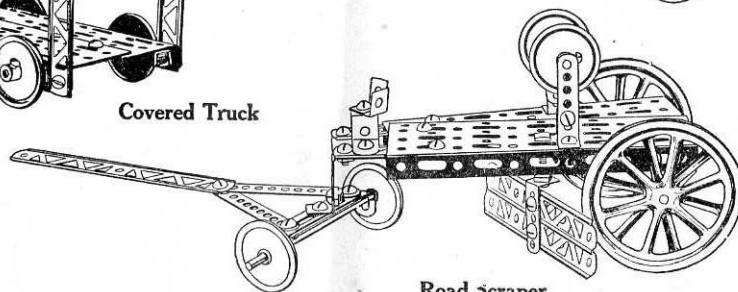
Covered Truck



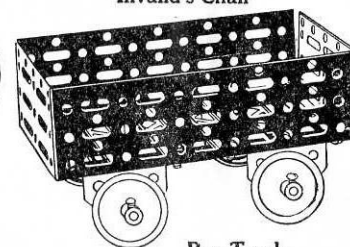
Monoplane



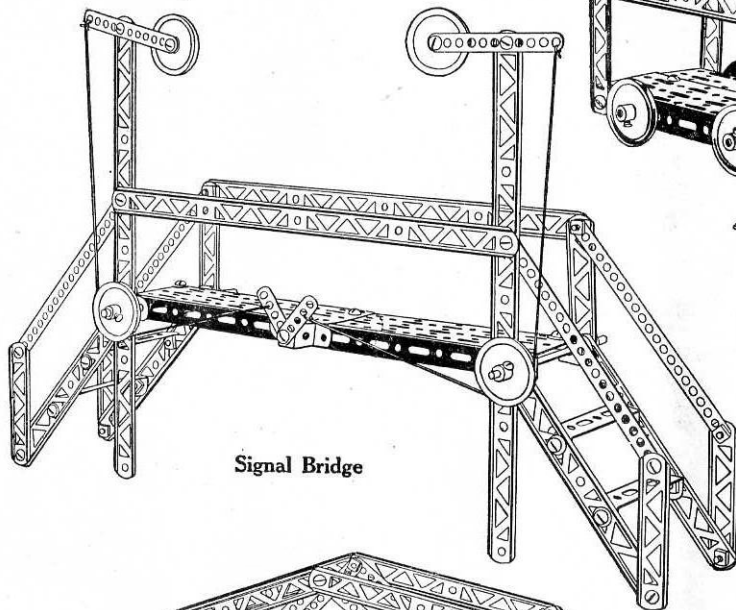
Invalid's Chair



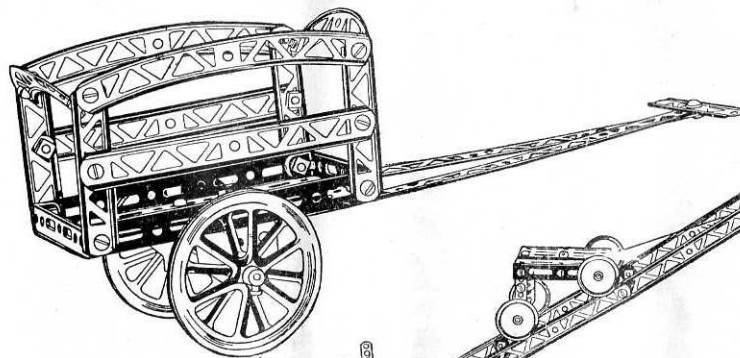
Road Scraper



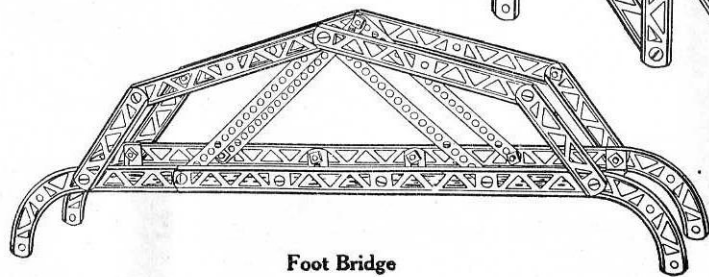
Box Truck



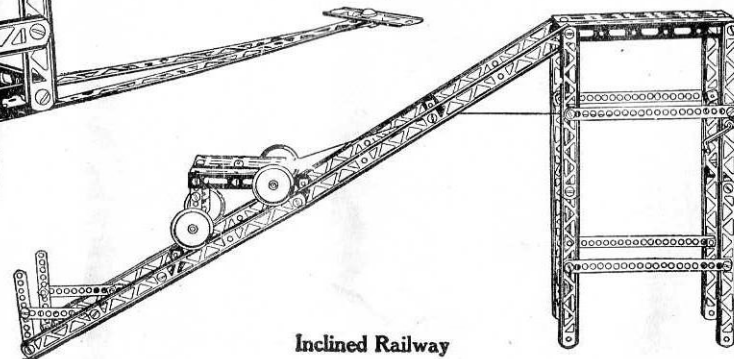
Signal Bridge



Auto Trailer

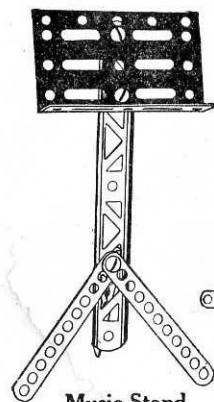


Foot Bridge

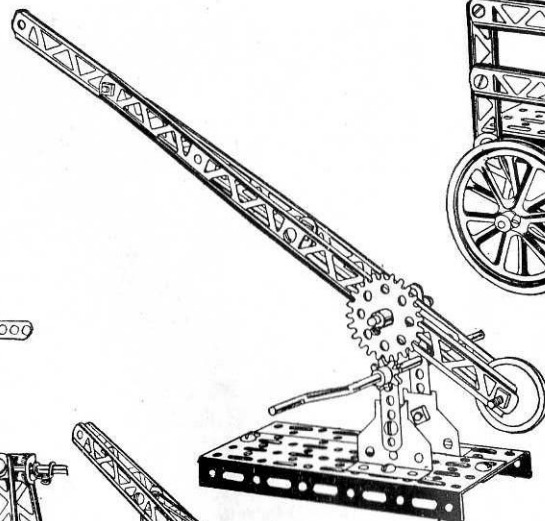


Inclined Railway

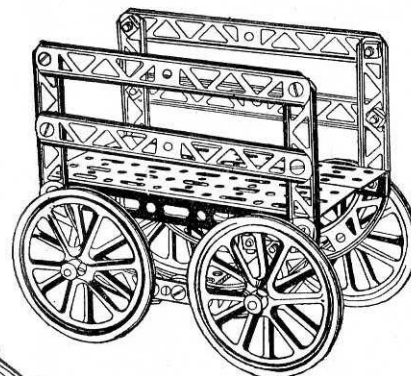
MODELS BUILT WITH NO. 3 ERECTOR



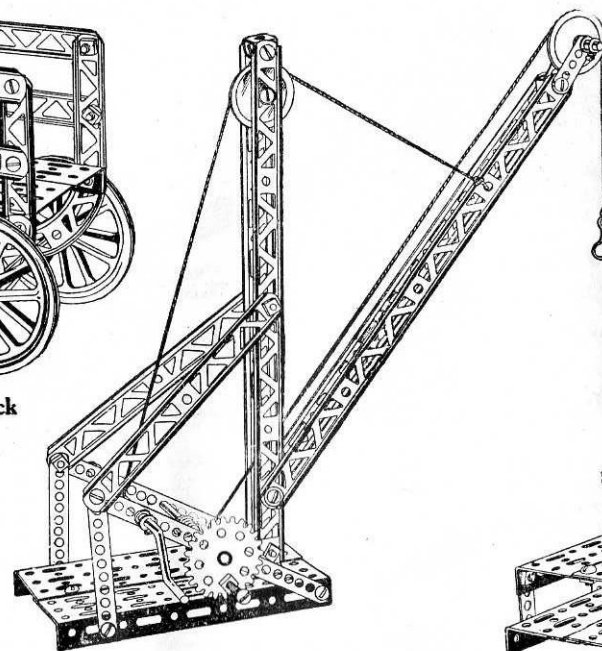
Music Stand



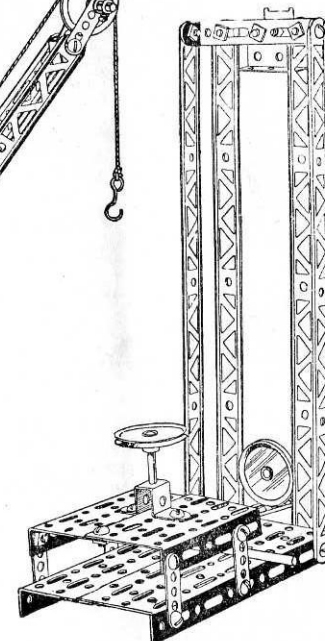
Railroad Lift Gate



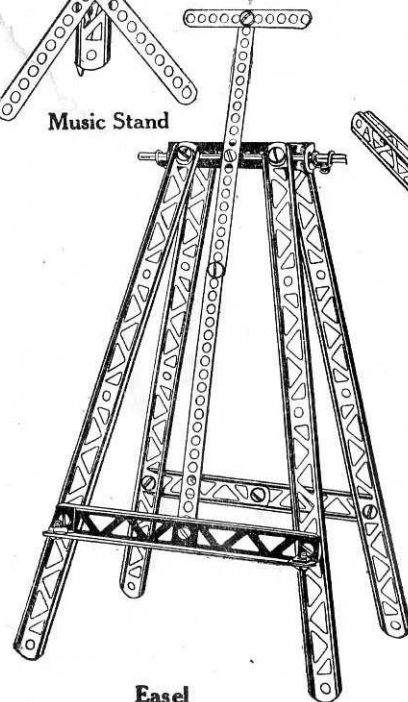
Timber Truck



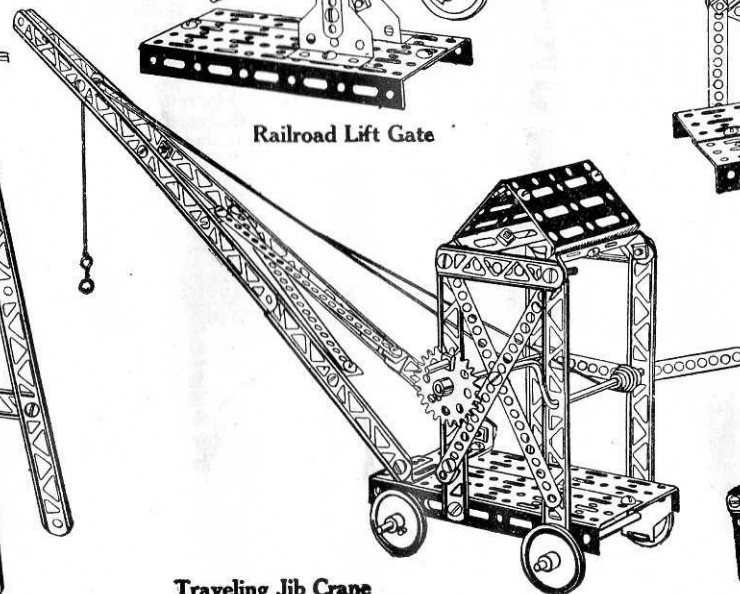
Stationary Jib Crane



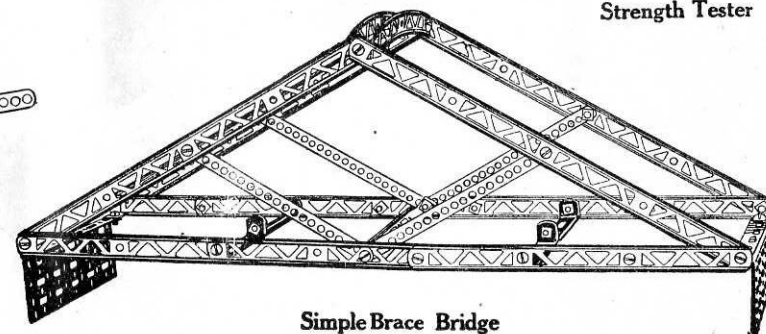
Strength Tester



Easel



Traveling Jib Crane



Simple Brace Bridge

Models Built With No. 4 Erector

Standard Gear Box Section No. 4

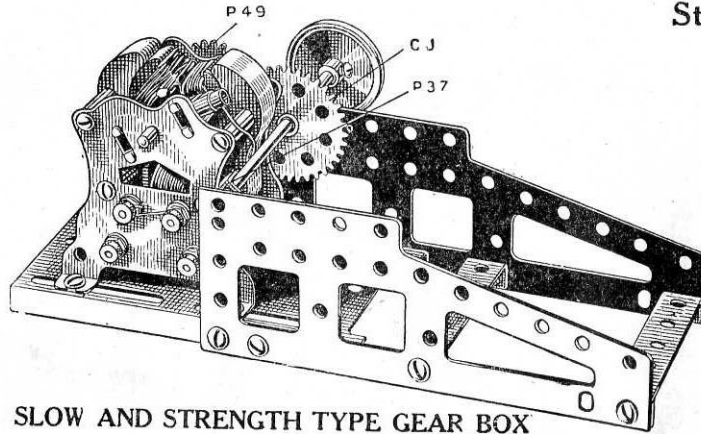
INTRODUCTION

Gears and pulleys provide a means for transmitting power, increasing power, and regulating speed.

If power is desired, speed must be sacrificed

If speed is desired, power must be sacrificed.

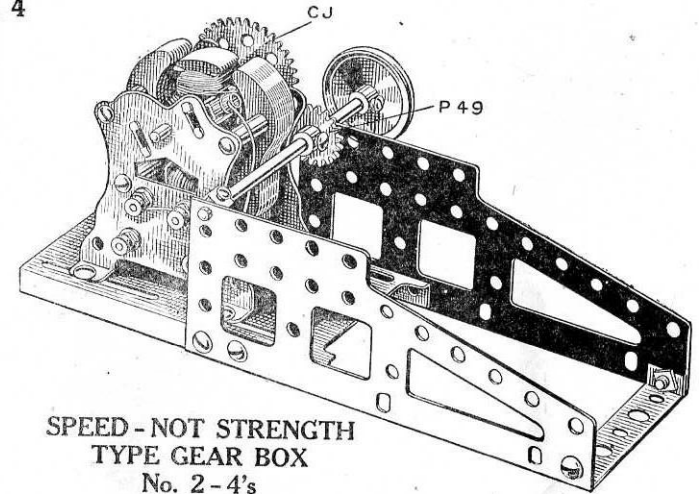
The driving wheel is called the driver, and the driven wheel the driven. These different styles of gear boxes are shown together to illustrate and treat practical mechanics. They also offer the builder a variety of different kinds of power from which he can select the most practical. By leaving end-play enough on one spindle of a train of gears provides a means for either release or reverse shift. With these many features and the ability to use either the P56G-110 volt Motor or P58 6 to 24 volt Motor, you will accommodate the requirements of any particular model.



SLOW AND STRENGTH TYPE GEAR BOX

No. 1-4's

The small gear P49 is the driver and the large gear CJ is the driven. In this type the power is increased and the speed decreased. It is designed to lift heavy weights.



SPEED-NOT STRENGTH TYPE GEAR BOX

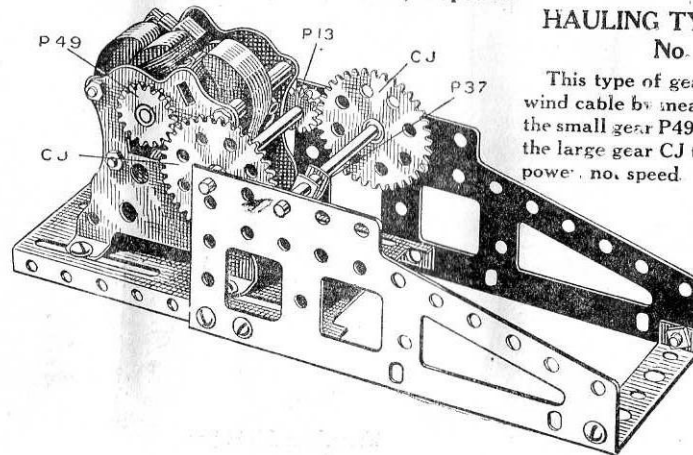
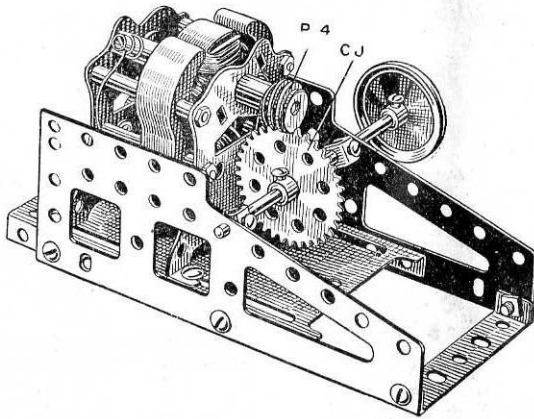
No. 2-4's

The largest gear CJ is the driver, and the small gear P49 the driven. In this type the speed is increased and the power diminished. It is designed for a gear box where high speed is wanted, not power.

WORM TYPE GEAR BOX

No. 3-4's

The worm P14 is the driver and the gear CJ is the driven. This type is designed for use where power is wanted, not speed.



HAULING TYPE GEAR BOX

No. 4-4's

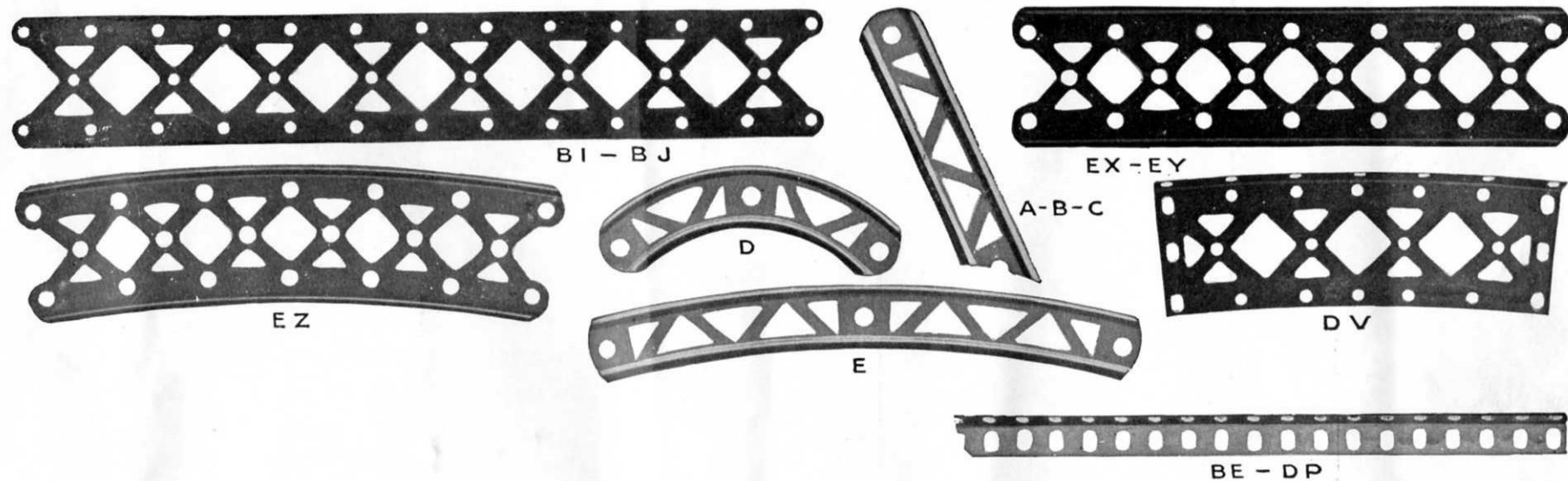
This type of gear box is designed to wind cable by means of the last shaft, the small gear P49 being the driver, and the large gear CJ the driven. You get power, not speed.

"SECTION 16"

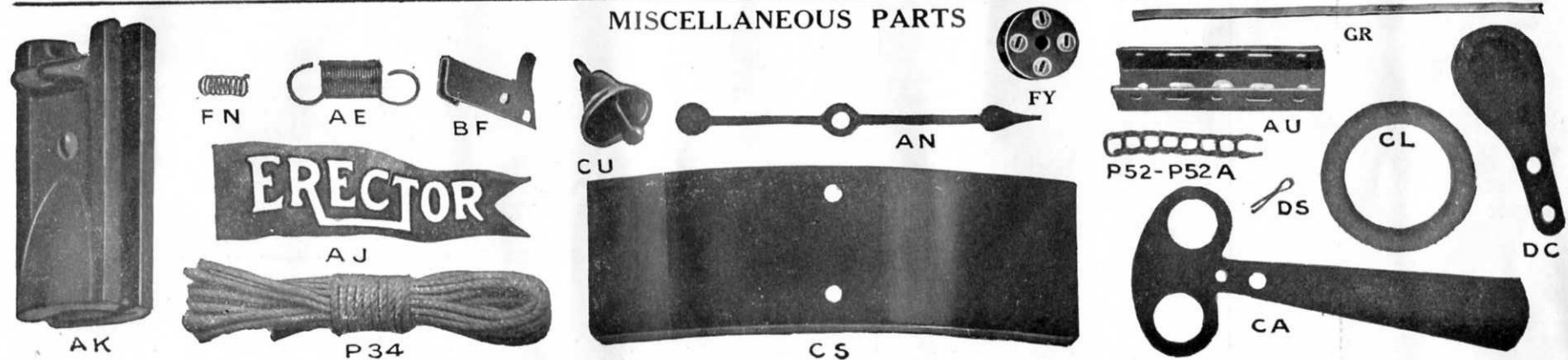
ERECTOR SEPARATE PARTS

Page 1

GIRDERS

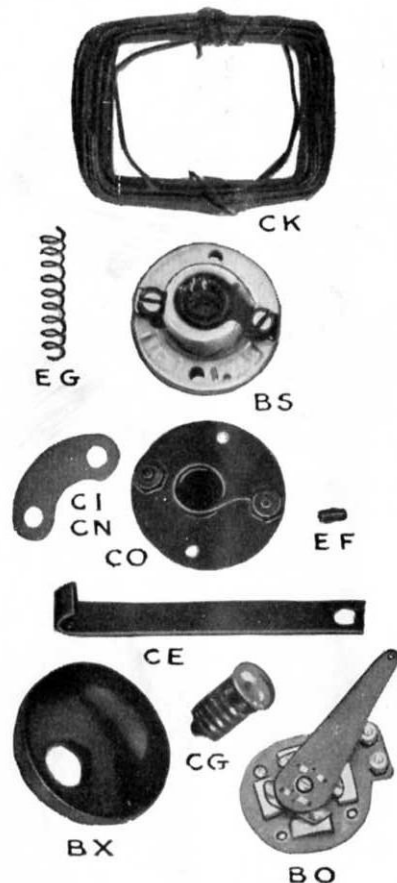


MISCELLANEOUS PARTS



ERECTOR SEPARATE PARTS

ELEC. ACCESSORIES



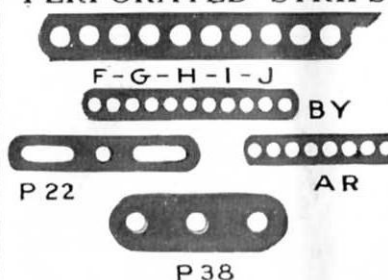
COLLARS COUPLINGS



SCREWS & NUTS



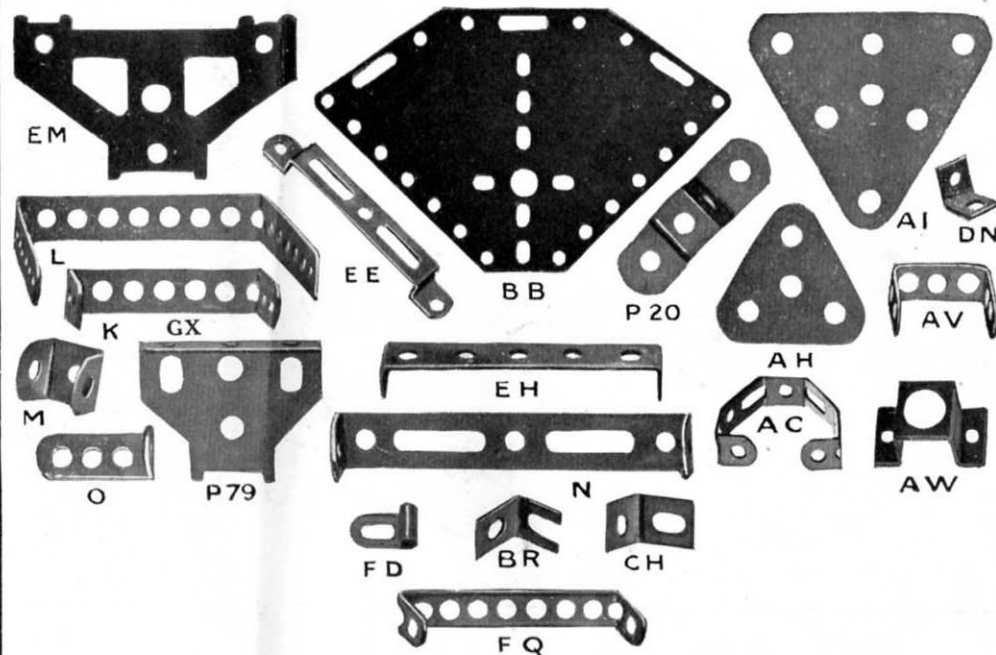
PERFORATED STRIPS



HOOKS & WASHERS



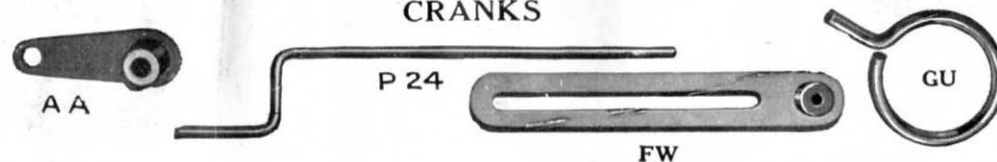
ANGLE & ANGLE PIECES



AXLE RODS & SHAFTINGS



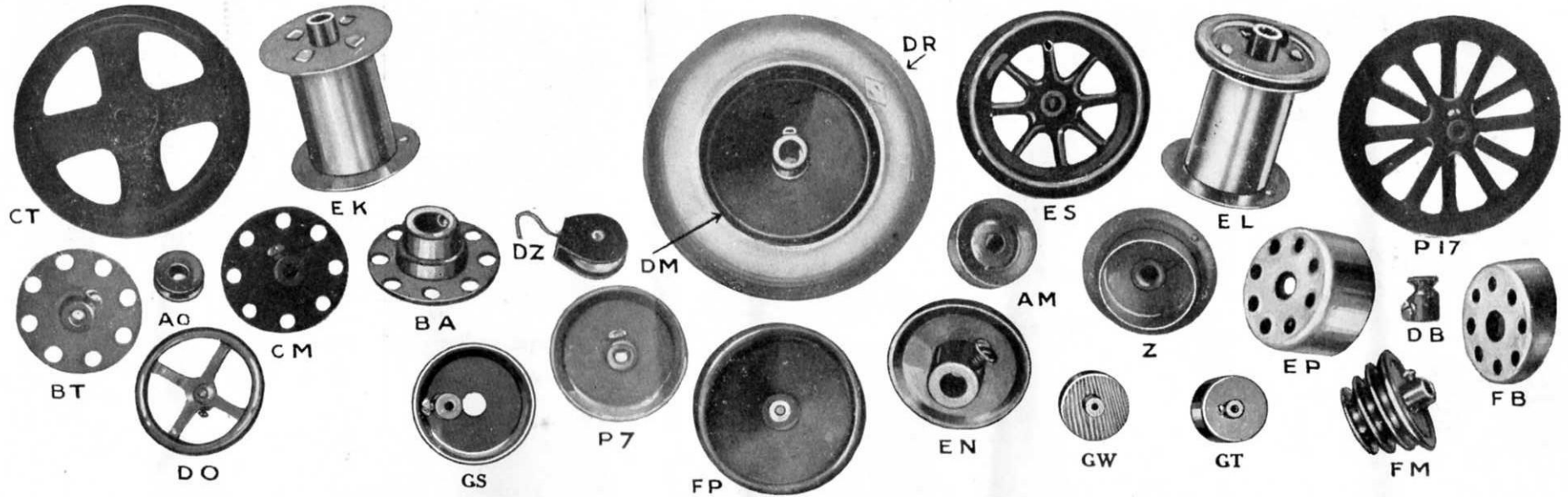
CRANKS



ERECTOR SEPARATE PARTS

WHEELS, DRUMS, DISCS, & PULLEYS

Page 3

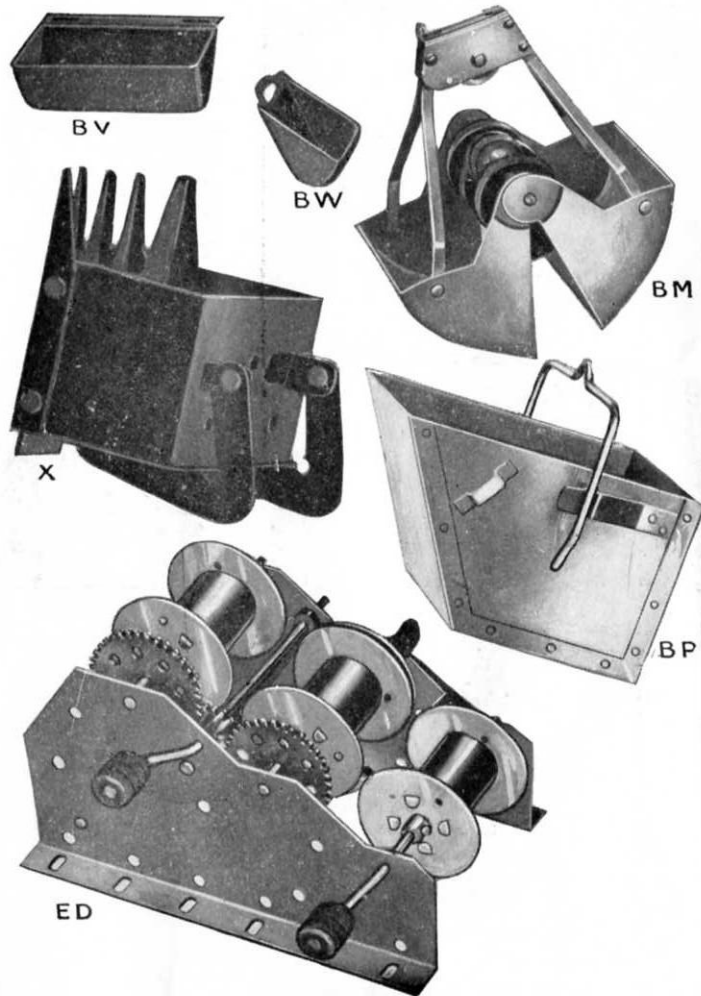


GEARS

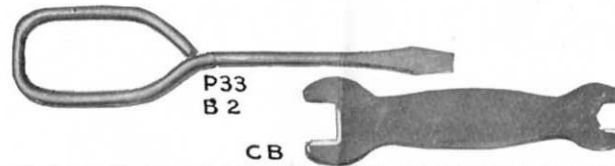


ERECTOR SEPARATE PARTS

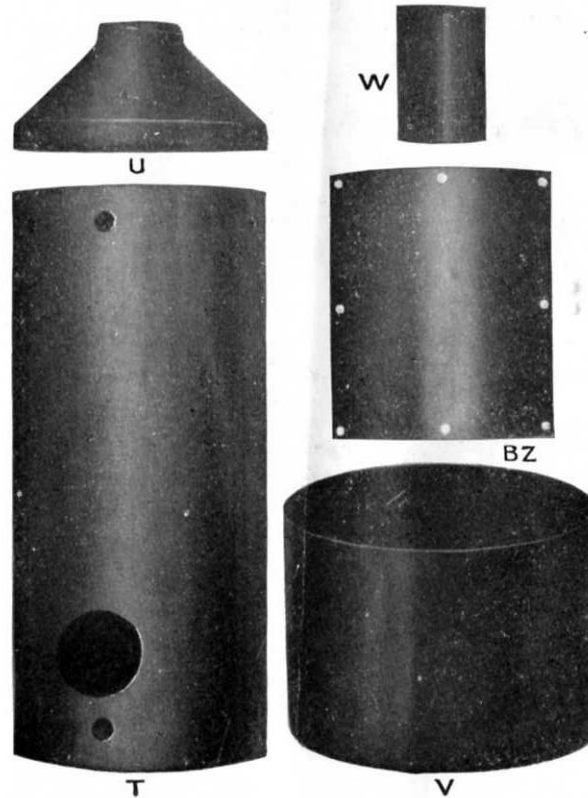
SCOOPS & BUCKETS



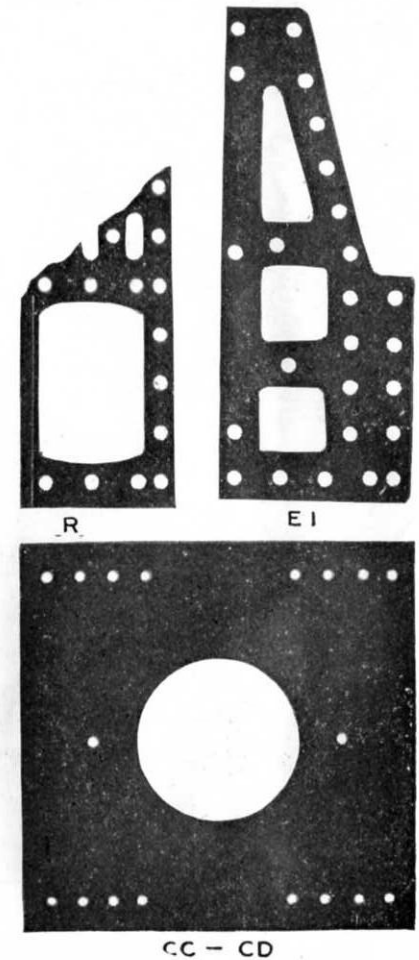
TOOLS



BOILERS AND ACCESSORIES



SIDE PLATES CAB TOPS



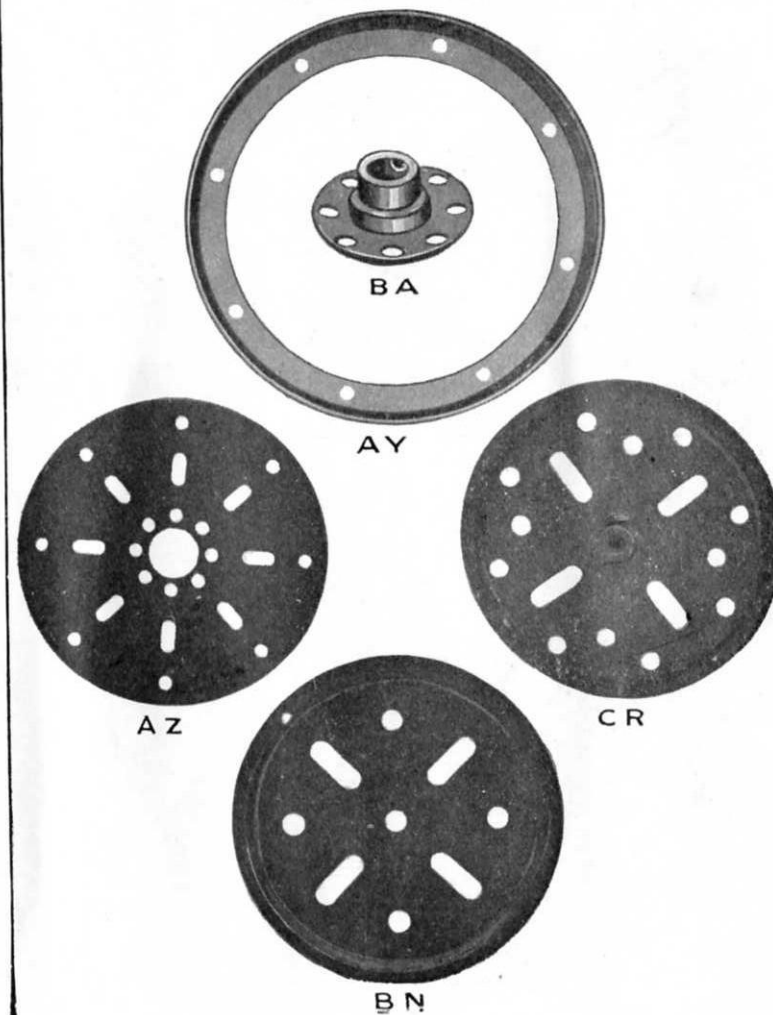
ERECTOR SEPARATE PARTS

Page 5

CHASSIS PARTS

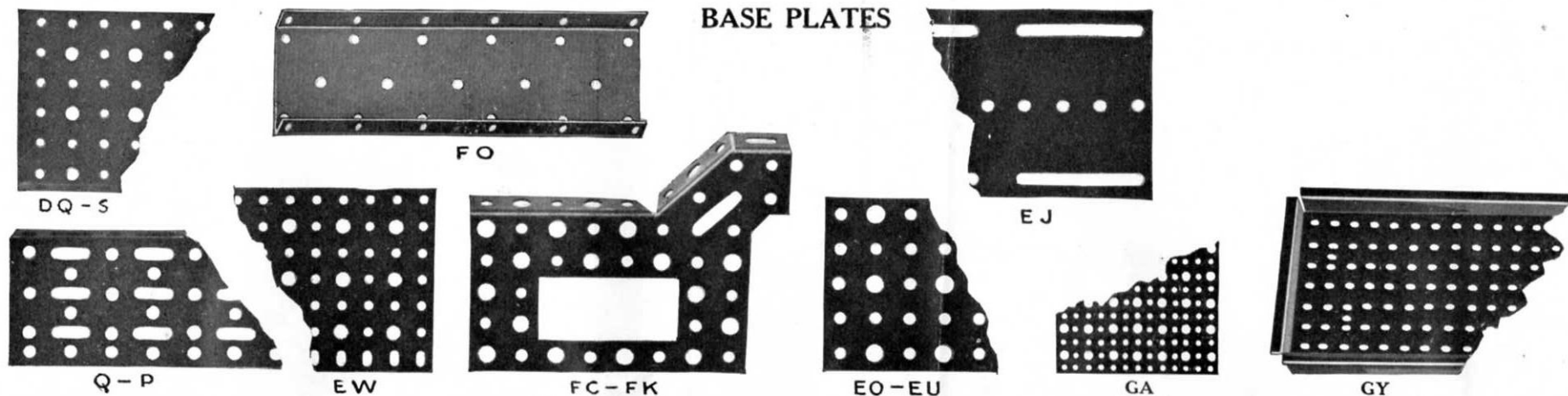


TURRET PLATES

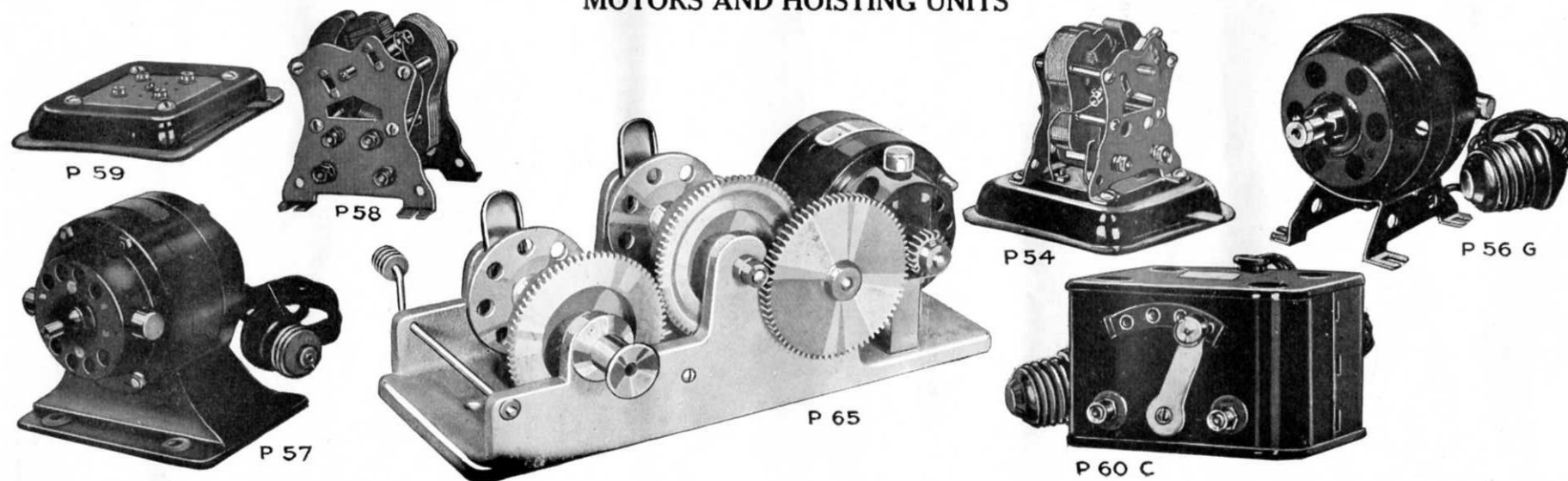


ERECTOR SEPARATE PARTS

BASE PLATES



MOTORS AND HOISTING UNITS



Form M999-28

ERECTOR SEPARATE PARTS PRICES

Most all dealers carry Separate Erector Parts. If unable to obtain in your city send us your check for the parts you want and we will be glad to send your order direct from here if you will send us the name of your dealer.

A. C. GILBERT CO., NEW HAVEN, CONN., U. S. A:

Trade No.	Name of Part	Page	Price	Trade No.	Name of Part	Page	Price	Trade No.	Name of Part	Page	Price	Trade No.	Name of Part	Page	Price
N1	4-40 Hex Nut.....	2	\$.10 doz.	O	Pawl.....	2	.05 ea.	BT	Pierced Disc.....	3	.10 ea.	DX	Twisted Cord (not illustrated..		.05 ft.
N11	6-32 Hex Nut.....	2	.10 doz.	P	Small Base Plate—5 hole..	6	.10 ea.	BV	Chain Bucket (large).....	4	.15 ea.	DY	Bushing.....	5	2 for .05
N21	8-32 Square Nut.....	2	.05 doz.	Q	Regular Base Plate—11 hole..	6	.15 ea.	BW	Chain Bucket (small).....	4	.10 ea.	DZ	Tackle Block.....	3	.15 ea.
P7	Small Wheel.....	3	.10 ea.	R	Dash Plate.....	4	.20 ea.	BX	Reflector.....	2	.10 ea.	EA	Discontinued—See E. W.		
P12	Crown Gear.....	3	.10 ea.	S	Large Base Plate—21 holes..	6	.40 ea.	BY	11 Hole Fibre Strip.....	2	.05 ea.	EB	¼ in. Collar.....	2	.05 ea.
P13	12-Tooth Pinion Gear.....	3	.10 ea.	T	Boiler.....	4	.25 ea.	BZ	Boiler Plate.....	4	6 for .50	EC	Giant Axle—29 in. long		
P14	Worm Gear.....	3	.20 ea.	U	Boiler Top.....	4	.20 ea.	CA	Signal Arm.....	1	.10 ea.		5-16 in. diam.....	2	.50 ea.
P15	Coupling.....	2	.10 ea.	V	Short Boiler.....	4	.15 ea.	CB	Wrench.....	4	.05 ea.	ED	Three Drum Hoist.....	4	3.50 ea.
P17	Red Wheel—large.....	3	.10 ea.	W	Stack.....	4	.05 ea.	CC	Cab Top B (with large hole) 4....	25	.25 ea.	EE	Double Angle Bracket.....	2	.05 ea.
P20	Five Hole Strip—formed..	2	.05 ea.	X	Digger Scoop.....	4	.75 ea.	CD	"A" (without large hole) 4....	25	.25 ea.	EF	Brush for P58 Motor.....	2	.05 ea.
P22	Slotted Strip.....	2	.01 ea.	Y	(Discontinued—See B. M.)			CE	(Discontinued—see R)			EG	Brush Spring for P58 Motor.....	2	.05 ea.
P24	Crank.....	2	.10 ea.	Z	Flanged Wheel.....	3	.15 ea.	CF	Brass Brush.....	2	2 for .05	EH	Gear Box Bracket.....	2	.05 ea.
P33	Small Screw Driver.....	4	.05 ea.	AA	Eccentric Crank.....	2	.10 ea.	CG	Miniature Light Bulb.....	2	.10 ea.	EI	Standard Gear Bx Side Pl.4....		.15 ea.
P34	Hall of String.....	1	.05 ea.	AB	One Hole Coupling.....	2	.15 ea.	CH	Right Angle.....	2	.10 doz.	EJ	Gear Box Base.....	6	.20 ea.
P37	Collar.....	2	.25 doz.	AC	Universal Bracket.....	2	.10 ea.	CI	Large Brass Segment.....	2	3 for .10	EK	Plain Drum.....	3	.25 ea.
P38	3-hole Strip.....	2	.05 doz.	AD	Hub Coupling.....	2	.25 ea.	CJ	36 Tooth Gear.....	3	.20 ea.	EL	Brake Drum.....	3	.25 ea.
P39	Wood Screw.....	2	.15 doz.	AE	Spiral Spring.....	1	.05 ea.	CK	Coil Magnet Wire.....	2	.25 ea.	EM	Universal Car Truck.....	2	.05 ea.
P40	Screw Eye.....	2	.20 doz.	AF	Small Hook.....	2	.15 doz.	CL	Small Rubber Tire.....	1	.10 ea.	EN	¼ in. Special Pulley.....	3	.10 ea.
P48	Mitre Gear.....	3	.20 ea.	AG	Large Hook.....	2	.25 doz.	CM	Fibre Disc with Hub.....	3	.10 ea.	EO	6 in. Dup. Flat Base Plate 6....		.15 ea.
P49	18 Tooth Gear.....	3	.15 ea.	AH	Small Triangle.....	2	.25 doz.	CN	Brass Segment (small).....	2	2 for .05	EP	Flat Pulley.....	3	.10 ea.
P50	72-Tooth Gear.....	3	.30 ea.	AI	Large Triangle.....	2	.05 ea.	CO	Miniature Socket.....	2	.15 ea.	ES	Small Red Wheel.....	3	.10 ea.
P52	Ladder Chain (22 in. lgt)...	1	.15 ft.	AJ	Paper Erector Flag.....	1	3 for .05	CP	Fibre Washer.....	2	.10 doz.	EU	3 in. Dup Flat Base Plate.....	10	ea.
P52A	Ladder Chain (10 ft. lgt)...	1	.15 ft.	AK	Pile Driver Weight.....	1	.25 ea.	CQ	Slot Coupling.....	2	.15 ea.	EW	12 in. Duplex F. B. Plate.....	6	.50 ea.
P54	Motor.....	6	2.00 ea.	AL	Collar formed one side.....	2	.10 doz.	CR	Spec. Tur. Plate with Hub.....	5	.15 ea.	EX	Big Channel Girder 12 in.....	1	6 for .50
P56G	Motor.....	6	5.00 ea.	AM	Special Pulley—Metal.....	3	.05 ea.	CS	Wheel Segment.....	1	.15 ea.	EY	Big Channel Girder 6 in.....	1	.05 ea.
P57	Motor.....	6	7.50 ea.	AN	Pointer.....	1	.10 ea.	CT	Large Flanged Wheel.....	3	.25 ea.	EZ	6 in. Curved B. C. Girder.....	1	.05 ea.
P57A	2 in. Axle.....	2	.02 ea.	AQ	Sheave Pulley.....	3	.05 ea.	CU	Bell.....	1	.10 ea.	FA	1¼ in. x 8-32 Screw.....	2	.20 doz.
P57D	6 in. A. le.....	2	.06 ea.	AR	8 Hole Strip.....	2	.10 doz.	CV	(Discontinued)			FB	Cam.....	3	.15 ea.
P57E	8 in. Axle.....	2	.08 ea.	AS	3 in. Axle Rod.....	2	.03 ea.	CW	(Discontinued)			FC	Machine Frame Right.....	6	.25 ea.
P57F	12 in. Axle.....	2	.12 ea.	AT	4 in. Axle Rod.....	2	.04 ea.	CX	1 in. Axle Rod.....	2	.01 ea.	FD	Hinged Loop.....	2	2 for .05
P58	Motor.....	6	1.25 ea.	AU	Mast Step.....	1	.10 ea.	CY	5 in. Axle Rod.....	2	.05 ea.				
P59	Reverse Base.....	6	.75 ea.	AV	7 Hole Strip Bracket.....	2	2 for .05	CZ	7 in. Axle Rod.....	2	.07 ea.	FJ	Rack.....	3	.25 ea.
P60C	Transformers.....	6	3.50 ea.	AW	Foot Block.....	2	.15 ea.	DA	10 in. Axle Rod.....	2	.10 ea.	FK	Machine Frame Left.....	6	.25 ea.
P65	Disc Clutch Pow Hoist.....	6	.15.00 ea.	AX	1934 in. Axle Rod.....	2	.20 ea.	DB	Motor Pulley.....	3	.10 ea.	FL	Helical Gear.....	3	.25 ea.
P79	Car Truck.....	2	.05 ea.	AY	Bull Ring.....	5	.50 ea.	DC	Propeller Blade.....	1	2 for .10	FM	Cone Pulley.....	3	.50 ea.
PI133	Terminal Nut 4-40.....	2	.10 doz.	AZ	Bull Wheel Plate.....	5	.25 ea.	DD	Hood & Radiator.....	5	.75 ea.	FN	Small Spiral Spring.....	1	2 for .05
S-3	¾ in. x 4-40 Terminal Screw..	2	.12 doz.	BA	B. W. Cntr (with Hub) 3 & 5..	5	.25 ea.	DE	Steering Column.....	5	.10 ea.	FO	Double Angle Base Plate.....	6	.05 ea.
S-11	Set Screw.....	2	.05 doz.	BB	Segment Plate.....	2	.15 ea.	DF	Tie Rod.....	5	.10 ea.	FP	Small Disc Wheel.....	3	.10 ea.
S-14	¼ in. x 6-32 Screw.....	2	.05 doz.	B2	Wood Handle Screw Driver.....	4	.15 ea.	DG	Drag Link.....	5	.05 ea.	FQ	Double Angle Bracket.....	2	.35 doz.
S-15	¼ in. x 8-32 Screw.....	2	.10 doz.	BC	Left Fender.....	5	.35 ea.	DH	Steering Knuckle.....	5	.15 ea.				
S-57	1¼ in. x 8-32 Screw.....	2	.20 doz.	BD	Right Fender.....	5	.35 ea.	DI	Front Axle.....	5	.10 ea.				
S-62	¾ in. x 8-32 Screw.....	2	.15 doz.	BE	6 in. Slotted Angle Strip.....	1	.50 doz.	DJ	Rear Axle.....	5	.15 ea.				
A	2½ in. Girder.....	1	.20 doz.	BF	Ratchet.....	1	.10 ea.	DK	Flat Spring.....	5	.10 ea.				
B	5 in. Girder.....	1	.35 do	BG	Truck Body.....	5	1.00 ea.	DL	Bumper.....	5	.15 ea.				
C	10 in. Girder.....	1	.50 doz.	BH	Solid Collar.....	2	2 for .05	DM	Disc Wheel.....	3	.25 ea.				
D	2½ in. Curved Girder.....	1	.25 do	BI	6 in. Flat Beam Girder.....	1	6 for .50	DN	Bearing Right Angle.....	2	2 for .05				
E	5 in. Curved Girder.....	1	.40 doz.	BJ	12 in. Flat Beam Girder.....	1	6 for .75	DO	Steering Wheel with Hub.....	3	.15 ea.				
F	5 Hole Strip.....	2	.10 doz.	BK	8-32 Wing Nut.....	2	.25 doz.	DP	12 in. Slotted Angle Strip.....	1	6 for .50				
G	7 Hole Strip.....	2	.10 doz.	BL	Small Washer.....	2	.05 doz.	DQ	Special Large Base Plate						
H	11 Hole Strip.....	2	.15 doz.	BM	Clam Shell Scoop (new).....	4	2.50 ea.		(28 holes).....	6	.50 ea.				
I	21 Hole Strip.....	2	.20 doz.	BN	Regular Turret Plate.....	5	.15 ea.	DR	Large Rubber Tire.....	3	.15 ea.				
J	41 Hole Strip.....	2	.30 doz.	BO	Reverse Switch Attachment 2....	5	.50 ea.	DS	Cotter Pin.....	1	.05 doz.				
K	11 Hole Strip Bracket.....	2	.35 doz.	BP	Tip Bucket.....	4	2.50 ea.	DT	1-hole Set Screw Coupling.....	2	2 for .15				
L	21 Hole Strip Bracket.....	2	.05 ea.	BQ	Resistance Wire (not illustrated)		.10 ea.	DU	¼ in. Diam. Axle 8½ in.....	2	2 for .25				
M	Small Double Angle.....	2	.25 doz.	BR	Open Slot Angle.....	2	.25 doz.	DV	6 in. Curved Beam Girder.....	1	6 for .75				
N	Long Double Angle.....	2	.05 ea.	BS	Porcelain Socket.....	2	.20 ea.	DW	Attachment Plug—not illustrated		.15 ea.				

(Continued Next Page)





Hello boys!
FERRIS WHEEL
 Built from
No. B ERECTOR

The Ferris Wheel pictured herewith is built out of the B Erector Accessory Set. It stands 3 ft. 3½ in. high, circle is 2 ft. 11 in. in diameter. If you now own a regular Erector Set, the B Set will build this Ferris Wheel and many other interesting models out of the big channel straight and curved girders. There are over 100 big girders in this Set. If you do not own a regular Erector Set, the B Accessory Set is a complete set in itself, and will entertain you for days. There is no motor packed in this set. If you own a regular Erector Set, use the motor you have. If you do not own an Erector Set, you can give action to the models you build by securing the famous Polar Cub 110 volt motor, P56G, that operates on any house current. For those who do not have 110 volt current, the P58 standard Erector motor will operate the models in this set.

A.C. Gilbert
 President,

