Meccano Prize Models

MECCANO COMPANY, INC. 71 WEST 23RD ST. 46 WEST 24TH ST. NEW YORK

Price 25 Cents

A SELECTION OF THE MODELS WHICH WERE AWARDED PRIZES IN THE MECCANO COMPETITION 1915-16

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What the Inventor of Meccano thinks of the 1915-16 Competition

HIS competition has been much more successful than the last one; the entries have been more numerous, and an altogether higher standard of merit has been attained. So many excellent models have been sent in that I decided to increase both the value and number of the prizes This accounts for the prize list being such a long one.

Letters have come to me in all languages, containing expressions of warmth and gratitude towards Meccano and myself, which have touched me to the heart. Letters from bright, sturdy, intelligent boys with brains to grasp the genius in Meccano and enterprise to break fresh ground, and send in something new and different. Hundreds of letters from boys in homes and hospitals, lying on beds of sickness from which many of them, unhappily, will never rise again, charged with touching words of gratitude for the pleasure and happy hours which Meccano has given to them. Letters from lonely boys in the Western States of America, in the heart of Africa, India, Australia, and far away points of the earth which I had never heard of before, telling me how Meccano has come as a boon to them to brighten up their long winter evenings. Letters from brave young boys on the battle-front, who are living with their parents within sound and reach of the enemy's guns, sending me models of cannon, armoured trains, or of aeroplanes which fly over their heads for the purpose of either destroying or defending them.

This world-tribute to Meccano has touched me deeply, and I should like to have the happiness of meeting all my Meccano boys, to thank them and encourage them, and talk over their Meccano problems and experiences with them.

I hope that competitors who have not had the good fortune to win prizes will not feel in the least discouraged. A very large number of them show great cleverness and inventiveness, and I have no doubt whatever that many of the losing competitors in this competition will be winners in the next. The 1916-7 competition has started, and entry forms are now available. I hope to see all the old Meccano competitors and many new ones making a serious attempt for the big money prizes.

I want all Meccano boys specially this year to get the new Manual of Instructions, which is now ready. In addition to some of the best models which have been invented during the past fifteen years, I have this time included a large number of the winning models in the 1914-5 competition, and as many as I can crowd in from the 1915-6 competition. Such a book, teeming with new and wonderful things, has never been issued before. There is enjoyment and fun in every page of it, which I want every Meccano user to share.

Hank Hornby

President Meccano Co., Inc.

Meccano is the American Boy's Treasure Box

VERYTHING is possible to the Meccano Boy; his Meccano Outfit is a box of inexhaustible treasures, which he can draw on either for his hours of play, or his hours of study. If he likes to play with Cranes, or Bridges, or Wagons, and what boy does not, he can make them for himself, perfect in every detail. If he visits the Joy City, and is fascinated with the Ferris Wheel, the Helter-Skelter, or other joy structure, he can go home and build them, and play with them just like the real things. He can acquire useful knowledge in engineering, bridge-building, cloth-weaving, wood-turning, etc., in a delightful way which makes learning a pleasure. No study is necessary to do all this. The genius and knowledge and skill are all in the beautifully made Meccano parts, which need only be screwed up together, as described in the big Meccano Manual of Instructions.

To appreciate Meccano properly you must own a Meccano Manual. It tells you how to build all the models in this book, and hundreds of others besides. There is a new model for every day in the year. A large number of them are prizewinners in the Meccano Competition, all of them remarkable for ingenuity and beauty of design. It is a unique book, packed with good things for making boys happy. Included with all regular Meccano Outfits from No. 1 to No. 6, and in the No. 1a, or it can be purchased separately for 35 cents.

To be genuine your outfit must bear the trade name Meccano.

Insist on the Trade Mark Meccano, or You will be Disappointed

From Opinion

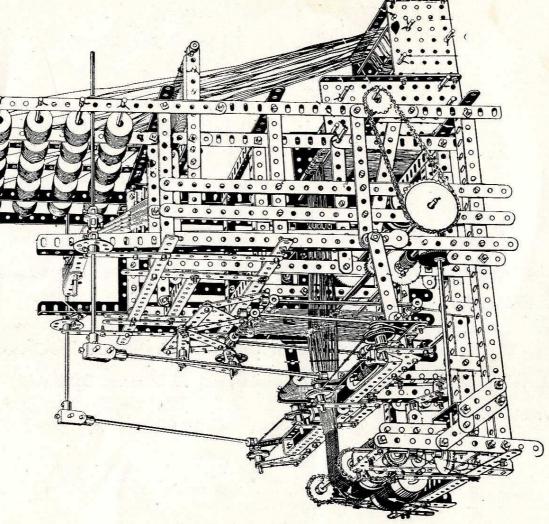
U. S. District Court, Southern District of Ohio

The toy is of great utility, of educational value, is stimulating to the imagination, appeals to a boy's creative faculties, and not only gives entertainment, but is highly instructive.

The Manual of Instructions is in reality a Key by which the really wonderful treasures contained in the various parts of Meccano Outfits may be unlocked.

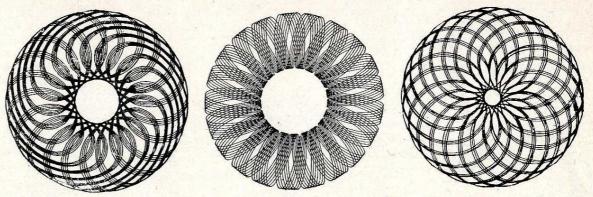
Weaving Loom

(Fully Automatic)

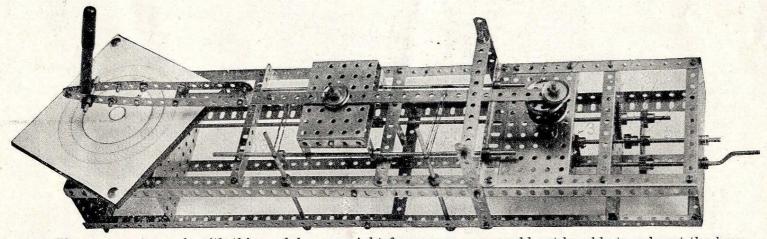


It looks and colors, just an perhaps, but with the and or conditions in the big Meccano Manual, any boy can put it together, instructions in the big Meccano Manual, any boy should make this Meccano handle first prizes in when or detail, and neckwear This wonderful loom took one of the every perfect in and colors, just as good as the automatically it will Competition. turned

The Meccanograph



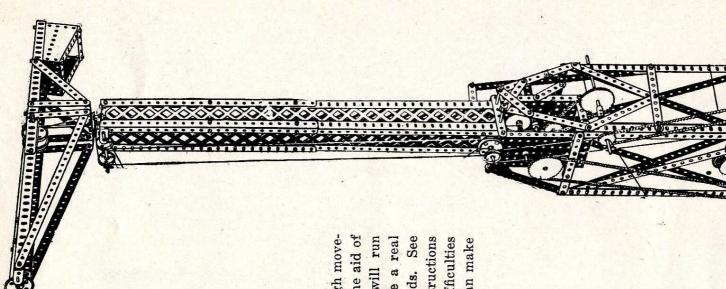
Specimen designs drawn on the Meccanograph

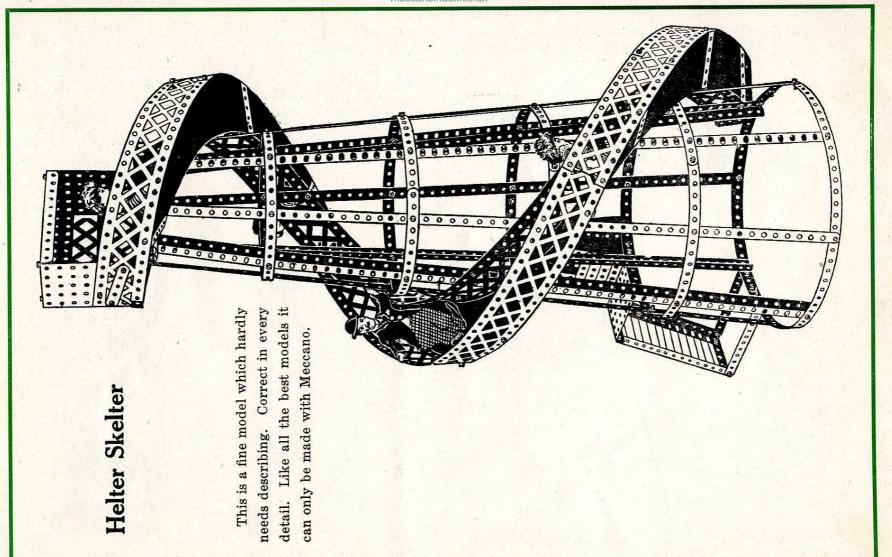


If you were to work with this model every night for a year, you would not be able to exhaust the beautiful designs which it will make. It is only necessary to fix a pencil in position on the paper and turn the handle. There are thousands of simple adjustments, and each one gives you a different design. This model illustrates the value of the special patented Meccano parts. No other material will make it, but with Meccano any boy can put it together in very quick time, and make his own beautiful designs. Full detailed instructions are given in the big Meccano Manual of Instructions.

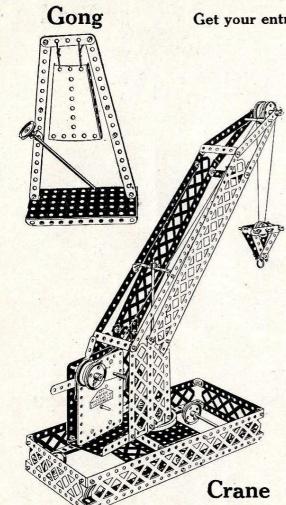
Girder Crane

Here is a crane which has enough movements to delight any boy. With the aid of the Meccano Electric Motor it will run along the ground, swivel just like a real crane, and raise and lower big loads. See the Meccano Manual for full instructions how to build it. There are no difficulties whatever, and the youngest boy can make it.



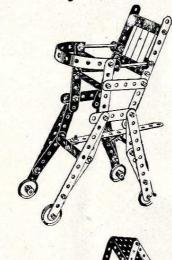


To be on right lines you must start right. Get a Meccano outfit. You cannot make these models with anything else. Automatic Weighing Machine Bed Table Field Gun **Buffers Trench** Periscope Windmill Scare Timber Drag

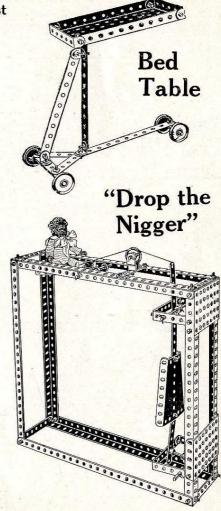


Get your entry form for the New Meccano Prize Contest

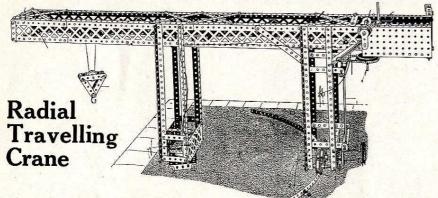


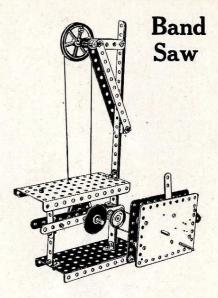




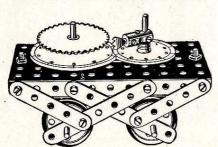


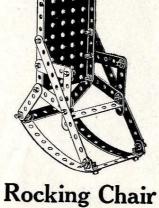
Meccano is real engineering for boys.





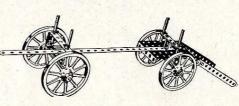
Distance Indicator





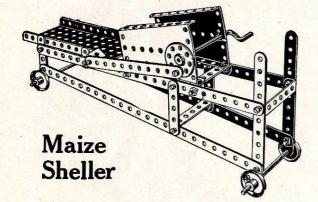


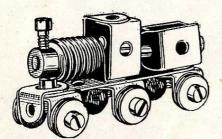
Timber Carriage



Each regular outfit is complete with all necessary parts and tools. There is nothing further to buy.

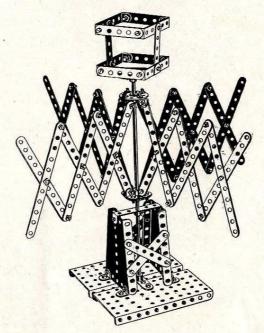


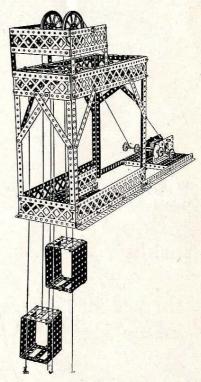




The Meccano Express

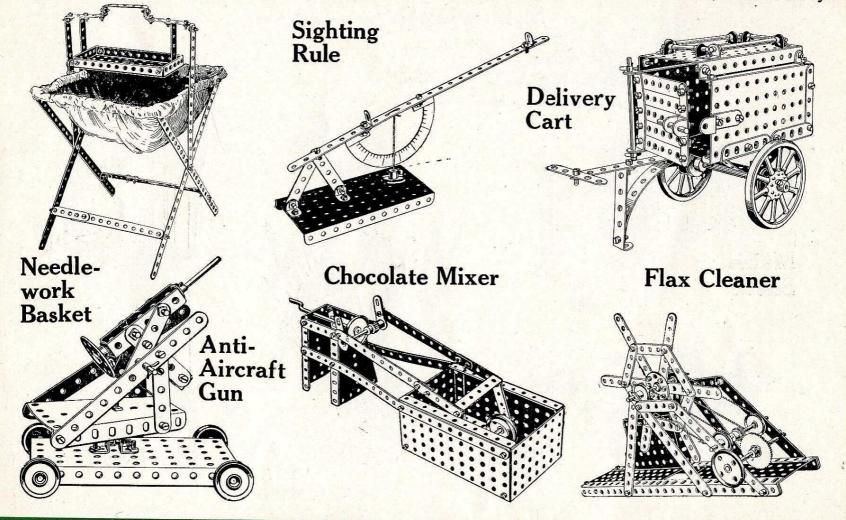
Skein Winder





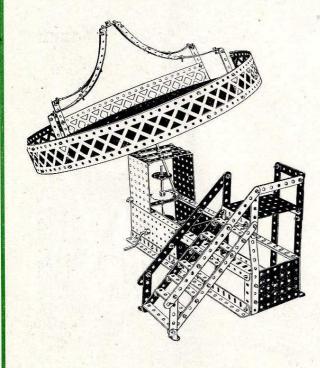
Pit Head Gear

There is no difficulty in building Meccano models. The youngest boy can commence at once, without study.

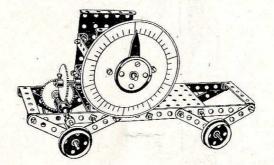


All Meccano models are built on correct engineering principles. Of no other system can this be said.

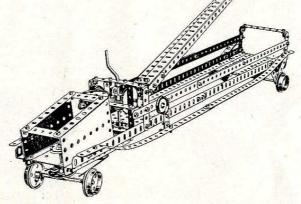
Joy Wheel



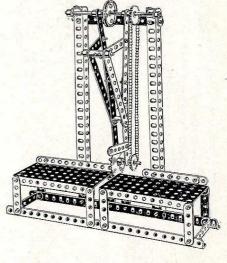
Distance Indicator

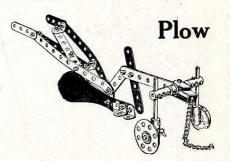


Fire Watertower

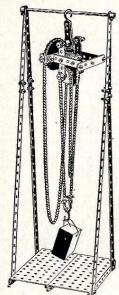


Swing Saw

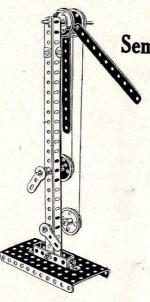




We strongly warn customers against systems which infringe our patents and copyrights. We have established our rights in the U.S. Courts, and shall vigorously proceed against any infringer.



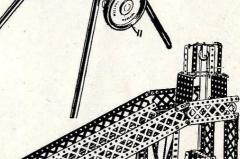
Purchase Block

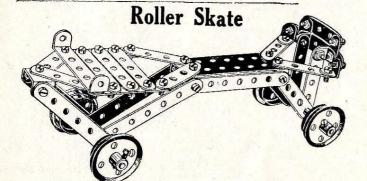


Semaphore



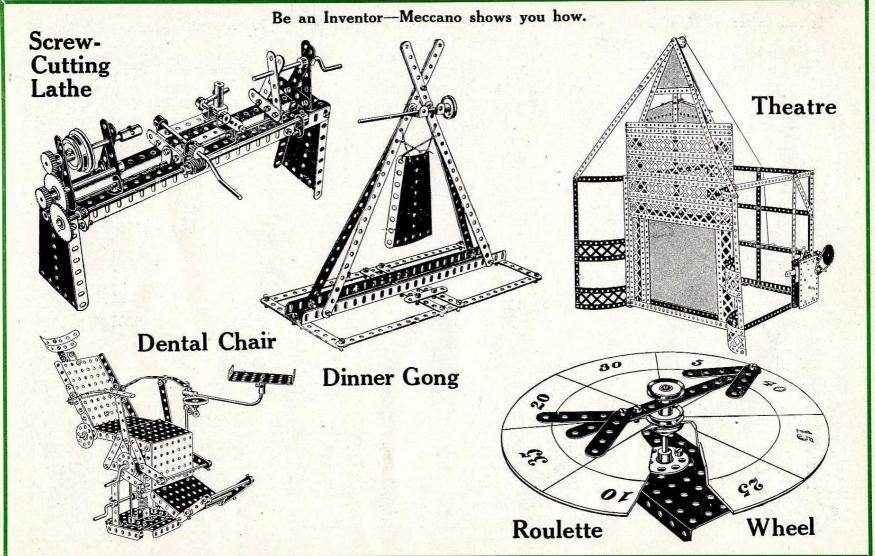
Maxim Gun



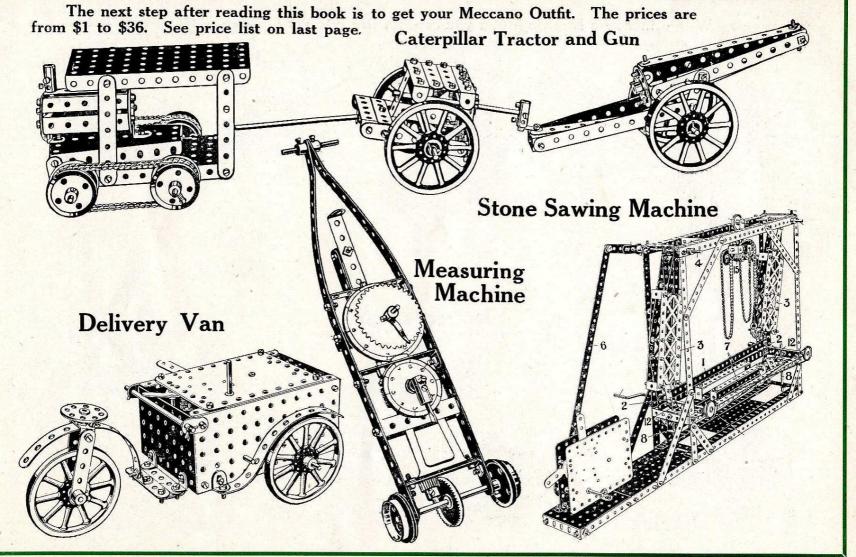




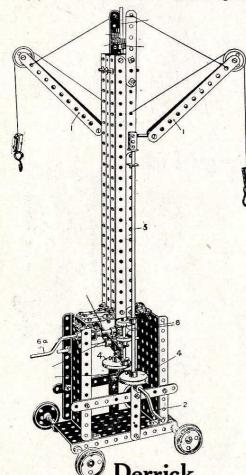
Moving Staircase

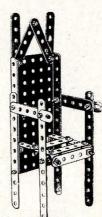


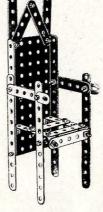
Big cash prizes are given to boys who design new models. A new Big Competition has started. Get your entry form. Bagatelle Jaunting Car Mechanical Swing Navvy Automatic Gong

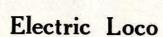


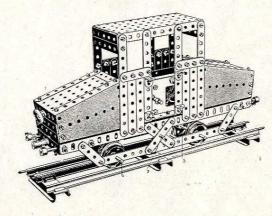
With a Meccano Electric Motor you can put life into your models. This motor is a beauty, designed specially for Meccano.

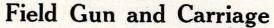


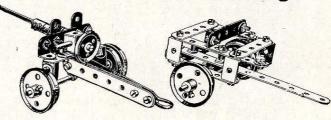


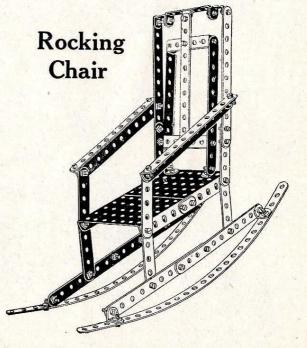












Particulars and Prices of Meccano Parts

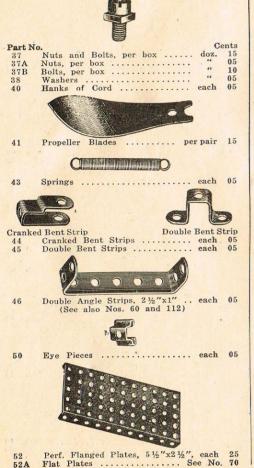
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2A	"	"	4 1/2"	"		20
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4	"	"	3"	**	"	20
5	"	44	21/2"	44		15
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10	Crank	Handl	es		each	10
19A	Wheels	. 3" di	am. wit	h set se		20
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Part No.	Cents
28 Contrate Wheels, 1½" diam	. each 50
Bevel Gear 1' 30 Bevel Gears	" Gear . each 55 . " 65
32 Worm Wheels	. each 25
33 Pawls, complete	. each 05
34 Spanners	each 10
35 Spring Clips, per box	doz. 15
36 Screw Drivers	. each 10 50

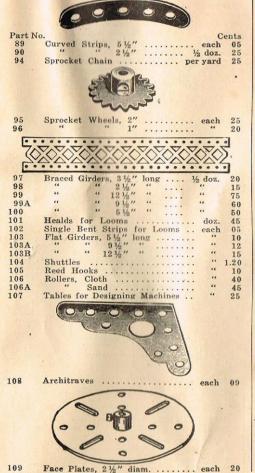
Particulars and Prices of Meccano Parts—(Continued)



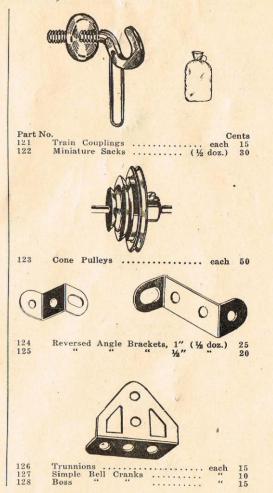
Part N 53 53A	O. Perf. Flanged Plates, 3½"x2½", each Flat Plates See No.	nts 20 70
54 56 56 A	Perforated Flanged Sector Plates, each Manual of Instructions	20 35 35
C		
57 57A 58 59	Hooks each Hooks (Scientific) " Spring Cord, per length " Collars with Set Screws "	02 02 30 05
	00000	
60A 60 60B 60C	Double Angle Strips, 1½"x½",½doz. " 2½"x½" " 2½"x½" " 5½"x½" " 5½"x½" "	18 20 25 36
ŕ		
61	Windmill Sails each	10
62 62 A	Cranks each " Threaded " " Bell—See No. 127	15 15

Part No. 63 Couplingseach	Cents 1 15
Octagonal Coupling Strip Coupling)
63A Octagonal Couplings each 63B Strip Couplings "	20 20
64 Threaded Bosses .each 65 Centre Forks	10 20 15
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70 Flat Plates, 5 ½ "x2 ½" eacl 72 " 2½ "x2 ½" 52A " 5½ "x3 ½" " 53A " 4½ "x2 ½" " 76 Triangular Plates, 2½" " 77 " "	h 15 10 15 12 05 04
80 Screwed Rods, 5" eacl 80A " 3 ½" " 81 " 2" " " 82 " 1" " "	h 15 12 10 05

Particulars and Prices of Meccano Parts—(Continued)



(000000)
Part No. Cents 110 Rack Strips, 3½" each 10
oran manners
129 Rack Segments, 3" diam each 20
Amminimo
111 Bolts, ¾" each 02
112 Double Angle Strips, 2½"x1½", each 06 112A " " 3" x1½" ½ doz. 36
(See also Nos. 46 and 60)
210
0000000000
113 Girder Frames each 10
Hinges (pair) per pair 20
115 Threaded Pins each 05
120 Buffers " 05



Particulars and Prices of Electrical Parts



Part No).					C	ents
301 B	obbins	 	 	 	 	each	.10



302 Insulating	Bushes		. per doz.	.15
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303 Insulatin	Washers		per doz08
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304	6	B.	A.	Screws								.per	doz.	.15
305	6	В.	A.										**	.10



306	Terminals	marie.	445			- 2		2		11			25.					each	. (0 !
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307	Silver-tipped	Contact-screws	 each	.12
001	Direct - dipped	Contract-Berews	 Cescan	W



.10

08	Pole	Pieces					each
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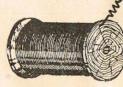
	Part No.		Cents	
H	309 Coil	Cheeks	 each .10	



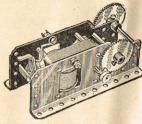
310	Lamp	Holders	. 6	1 /4	 each	0.8
010	Treering	Holders	(27) CC		 Cucii	.00



311 M	etal Filamen	t Lamps		each	.20
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312	30" lengths of bare iron wire, 27 gauge	each	.05
313	Reels of 50 yds., S. C. C. copper wire, 26 gauge	"	.75
314	Reels of 25 yds., S. C. C. copper wire, 23 gauge	"	.65
315	Coils of 4 yds., bare copper wire,	**	.08
	Floatwicel Manual of Instructions	46	45



MECCANO ELECTRIC MOTORS

The best way to operate Meccano models. Side plates are perforated with equidistant holes so that motor can be built into model.

E1 Non-reversing \$3.00 2.30 E2 With reverse lever and extra gears 4.50 3.50



TRANSFORMER

For alternating current only. Specially designed for Meccano Motor.

Transformer for 110 A. C. 60 cycles .. \$3.25 2.50

Ask your dealer for outfits and parts. If he cannot supply you, send money order or stamps direct to Meccano Company, Inc., 46 West 24th St., New York City, and we will ship postage prepaid, providing order is not less than \$1.00.



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