

STEEL ENGINEERING [1]

U.S.A.

TYPE Mechanical Engineering

HOLE DIAMETER 4.2mm/4.3mm HOLE SPACING 12.7mm

SETS IN SYSTEM Total of 7 ? : No. IO.25.35 and REGULAR. Also No.20 Electrical.
Sets I and 2 seen also.

DIFFERENT PARTS 40

COLOUR Mainly black, some red.

FIXING METHOD Nut and bolt (8-32)

MOTORS I Electric

PERIOD 1921 to 1924

MANUFACTURER Kelmet Corporation, New York City, New York, U.S.A.

COMMENTS This system is peculiar by its alternative hole and slot arrangement, the models had a rather 'cast iron' look. Parts seen are well made and finished. The Kelmet Corporation was bought out by A.C. Gilbert Co. and many of the parts and models were incorporated in the Erector system by 1924, the Kelmet Corporation becoming a marketing company for some of the later A.C. Gilbert acquisitions

OTHER SYSTEMS 23/666, 24/714, 24/715, 26/778, 53/1636

NEWSLETTER

MATERIAL SUPPLIED BY Clyde.T.Suttle and A.B.Ibanez.

STEEL ENGINEERING

PATENTED AUG. 22. 1922

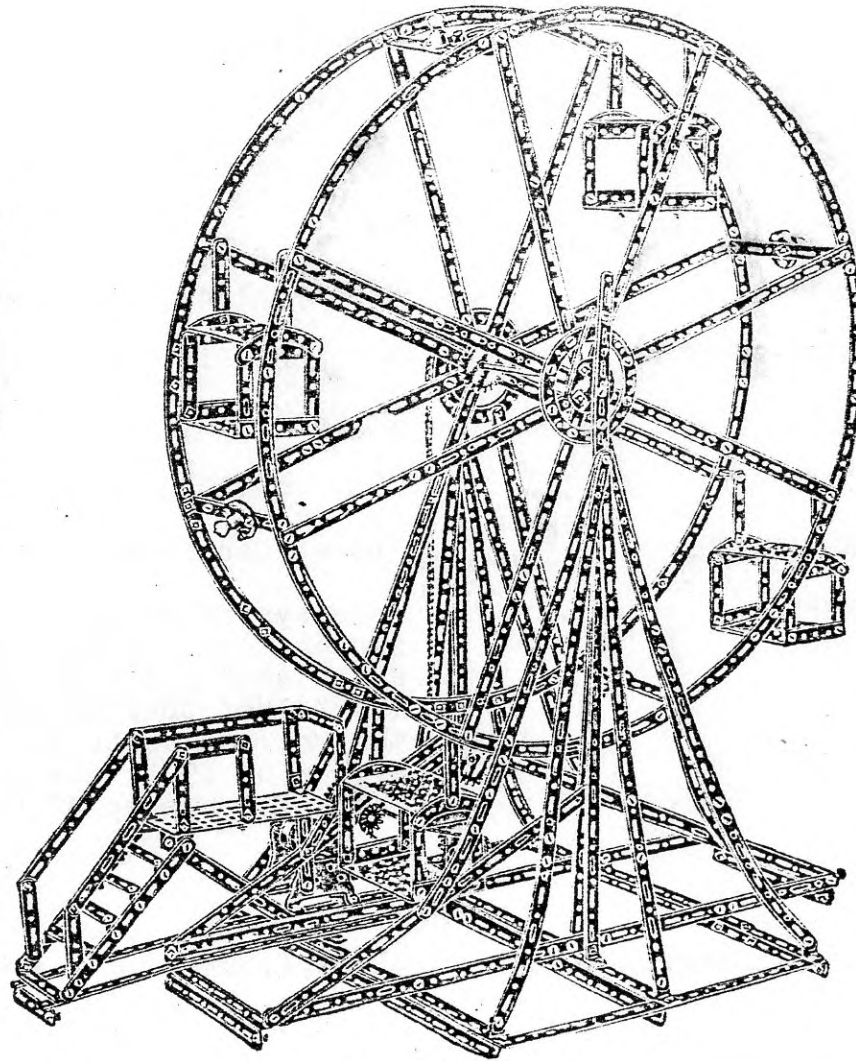
INSTRUCTIONS

No. I

This book contains instructions for building and suggestions of models to be built with Steel Engineering. The steel construction toy with the curved girder that builds realistic models.

Kelmet Corporation

200 Fifth Avenue,
New York, N. Y.



STEEL ENGINEERING

STEEL ENGINEERING PARTS.

Now that you have a Steel Engineering outfit you have provided yourself with a toy that will give you more fun than any toy you ever had. It makes all boys happy and happy boys happier, and you will find that your older brothers and father will have just as much fun with it as you will.

Every Steel Engineering part has been designed with the greatest care and is manufactured as accurately as modern machinery can produce them.

You can duplicate some of the world's greatest engineering feats with Steel Engineering. You will find it much more fun and very easy to build some of the simplest models first to get in the habit of handling Steel Engineering and accustomed to the way it goes together. You will soon find that every part fits so well that

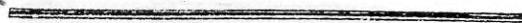
building models will come natural to you and that you will have no difficulty in building very complicated and intensely interesting models.

In this book we show suggestions of some of the models that can be built with the different sets. Bear in mind that these are only suggestions and that practically any engineering feat can be duplicated with Steel Engineering and that part of the fun you will get out of the outfit is in originating and building your own models.

After you have built some of these that are illustrated in this book look around you for some big engineering construction work that is going on near your home and duplicate that with steel Engineering.



P57F
12" Axle Rod.



P57E
8" Axle Rod.



P57A
2" Axle Rod.



P23
Eccentric Axle.



P24
Crank.



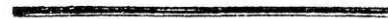
P57C
4½" Axle Rod.



P74
11" Girder.



P76
2" Girder.



P57D
6" Axle Rod.



P75
6" Girder.



No. 72
Large Curved Girder.



No. 73
Small Curved Girder.

STEEL ENGINEERING

STEEL ENGINEERING PARTS.



X17B
Large Grooved Wheel.



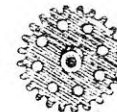
X11
Flat Gear.



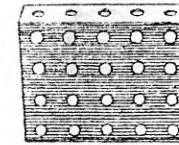
X7A
Small Wheel.



X12
Crown Gear



X11
Flat Gear, Pierced.



P71
Small Base Plate.



X48
Mitre Gear.



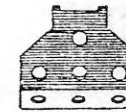
X49
12-Tooth Gear.



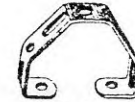
X13
Pinion Gear.



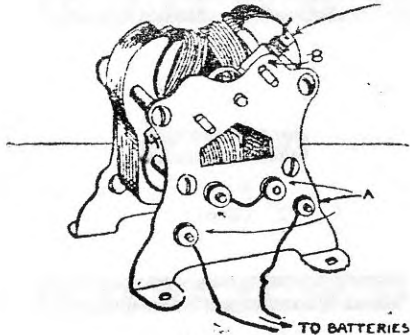
X15
Coupling.



P79
Car Truck.



P77
Small Universal
Bracket.



P58
Motor.



X14
Worm Gear.



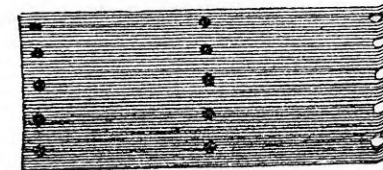
P20
5 Hole Strip, Formed.



P38
3 Hole Strip.



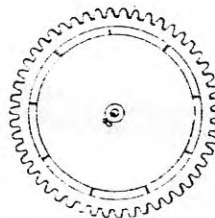
P1
Small Right Angle.



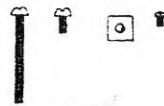
P83
Curved Base Plate.



P33
Screw Driver.



X50
Large Gear.



S57
Long Screw.
S52
1/2" Screw.
N25
Nut.
S59
Short Screw.



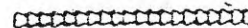
P78
"U" Piece.



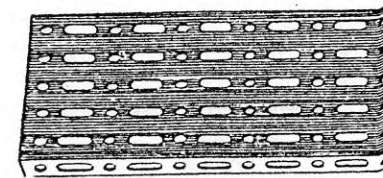
P80
Slot Angle.



X37
Collar.



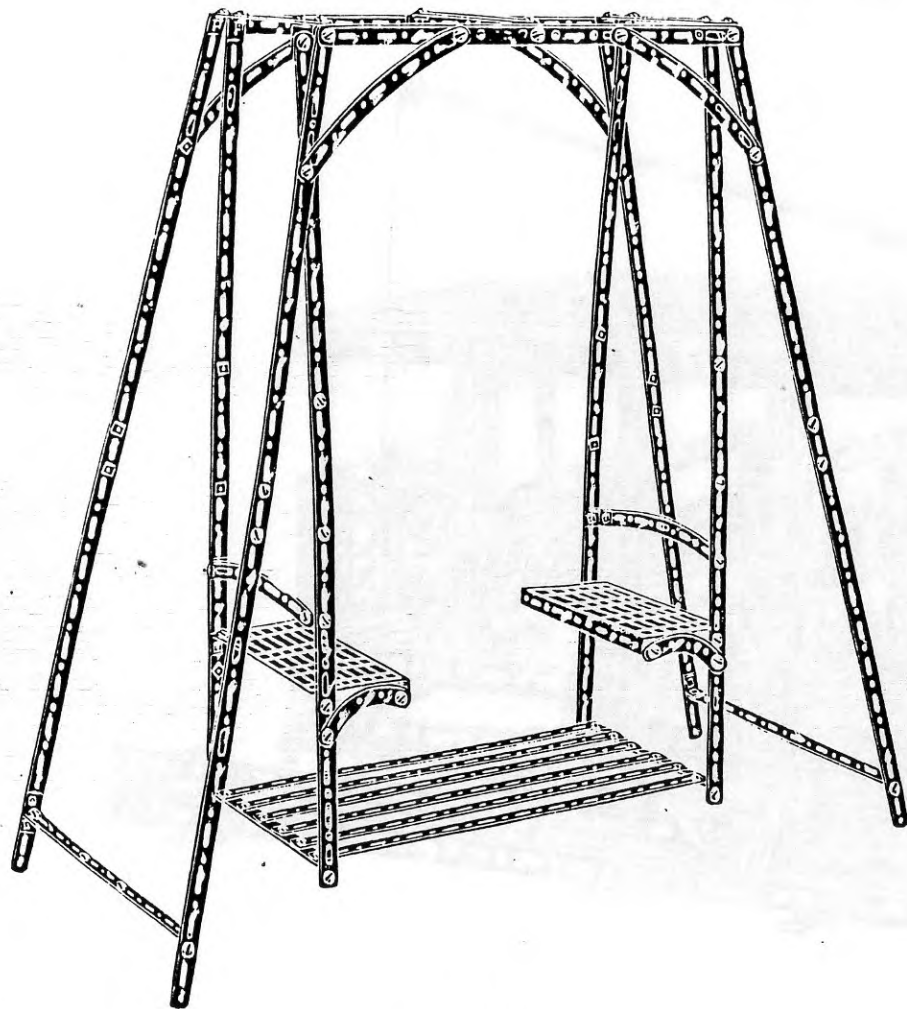
Sprocket Chain.



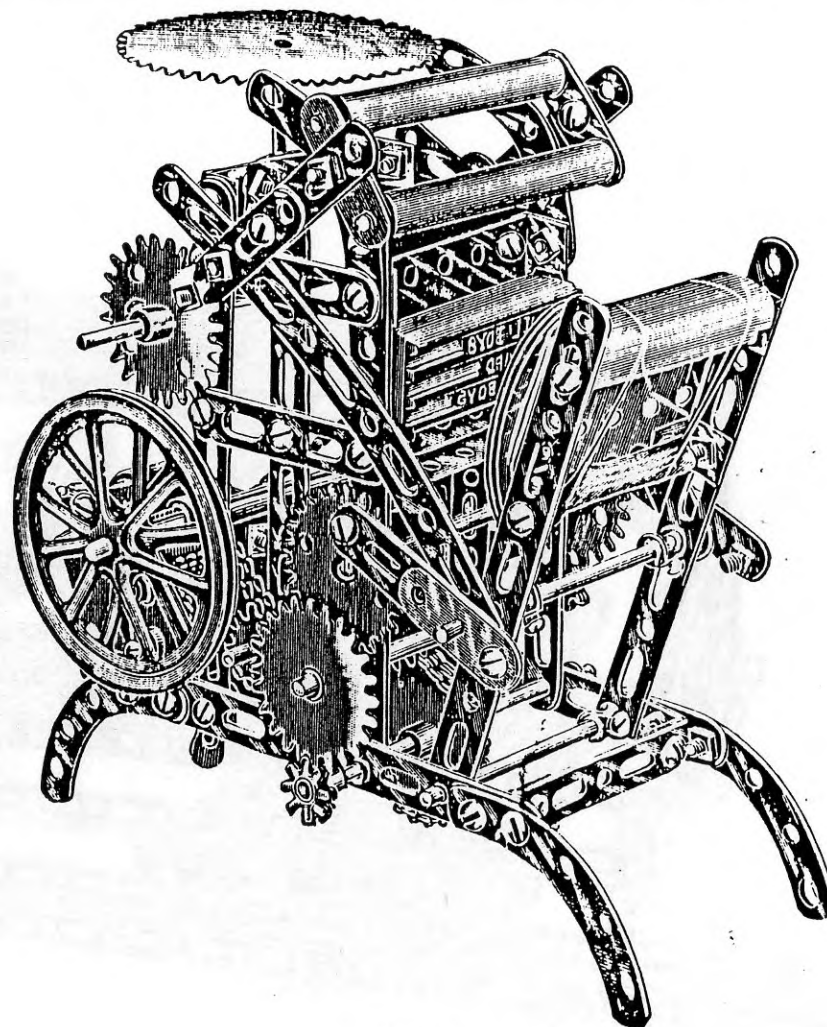
P70
Large Base Plate.

STEEL ENGINEERING

NO. 2. STEEL ENGINEERING BUILDS MODELS LIKE THESE, IN ADDITION TO MODELS SHOWN PREVIOUSLY.

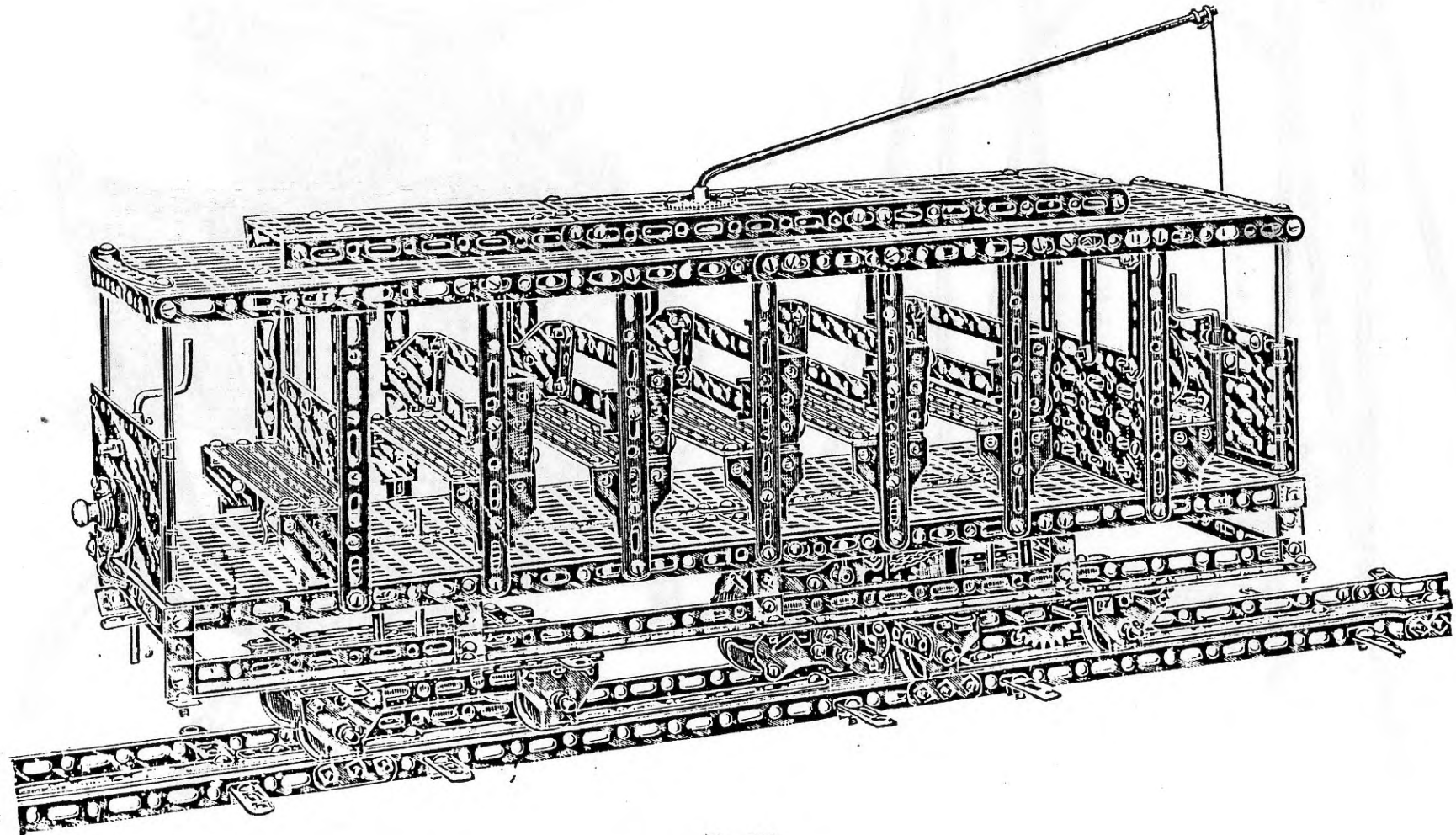


No. 194
Park Swing.



No. 195
Printing Press.

BUILT WITH NO. 35 STEEL ENGINEERING AND NO. 20 ELECTRIFICATION AND ILLUMINATION SET.



No. 225
Trolley Car on Track.
(See Detail on Page 25)