

INSTRUCTIONS FOR No. 3

“PIN-TUNG”

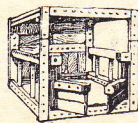
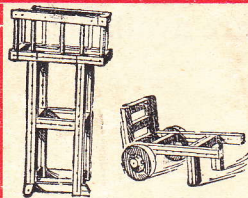
MECHANICAL BUILDING BLOCKS.

MODEL-MAKING MADE EASY.

PATENT No. 19414/07.




BRITISH MADE.



PIN-TUNG MECHANICAL BUILDING BLOCKS.

BRITISH MADE.

HESE Patent Blocks have the advantage over all other wooden blocks that by their use Mechanical Models may be constructed and that strong and serviceable Toys of every description may be made by quite young children. The Blocks are fastened together by means of PINS, and the Slabs are connected by TONGUES—hence the name “PIN-TUNG,” perfectly rigid Models being the result, although when desired they can be readily taken to pieces and the parts are available for building afresh.

PIN-TUNG.

Description of parts and hints for building.



No 4 Block with
pin.



2 slabs with
tongues.

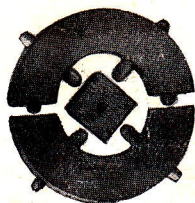
The Blocks are joined together by pins. It is advisable to put the round leg of the extractor in the hole crossing the one being filled, as shewn in the illustration at end of book, to prevent the pin going too far—drive it only half way in. Care should be taken to have the blocks properly placed when starting so that the grooves will correspond and bring the slabs to the desired edge—usually the front or top. When a block has to go between two others to complete a floor, or similar section (as for instance the four hole block in the seat of the Arm Chair in Set No. 1) it is necessary to drive pins right into the side blocks so that they do not project. This allows the last block to come into place ready for these “flush” pins to be driven in by means of the round leg of the extractor. (*See drawing*).

Always endeavour to get all the pins that will be required fixed before commencing to fill in the slabs.

The slabs are joined by tongues in the manner clearly indicated by the drawing, either at the sides or the ends,—the latter is usually better and one tongue then answers for two slabs.

When making up a floor or similar section, first fit the **end** blocks to one of the **side** blocks, then the slabs, and, lastly the side block completing the structure. (*See illustration on last page*).

PIN-TUNG PARTS—Description continued.



Wheel ready to join
up (No. 21).



Washer (No. 27).



No 9 Block.

The wooden Wheels are made by taking the two semi-circular blocks, fixing a long pin in each of the holes on the rim, and two short pins for the remaining four holes. Next join the two halves together, pushing the pins into a one hole block as shewn, with its **large** hole free to receive the axle.

A Washer on either side keeps the wheel in place. These can also be used as pulley wheels, buffer heads, finials, etc.

The Blocks with the rounded edge are for Door and Window Frames. A pin fitted into each end hole acts as a pivot and admits of opening and shutting the frame.

The block No. 9 is used to obtain the angle required for Roofs, Slanting Platforms, Bridges, etc.

No. 20 is chiefly employed for Railing uprights, Stretchers, etc.

When necessary to remove pins from end holes do so with the jaws of the extractor, but from the side holes it is better to drive them out with its round leg. When tongues stick in the grooves they can readily be driven out with the flat leg of the extractor as shewn in the drawing.



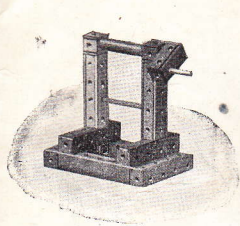
No. 4 Round
edged block.



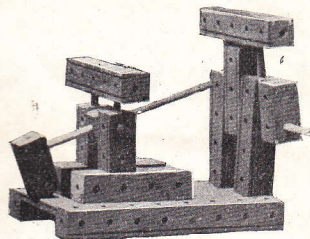
No. 20 Rod.

A FEW OF THE MODELS THAT CAN BE MADE FROM
THIS SET OF **PIN-TUNG.**

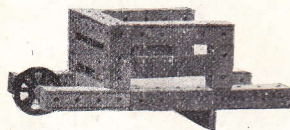
Many others will easily be devised, and any extra parts required for more ambitious efforts may be obtained. (See last page).



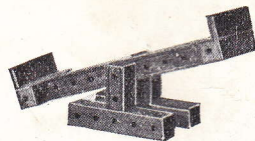
WINDLASS



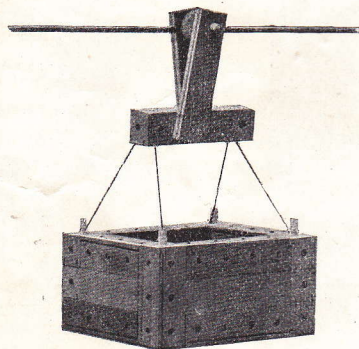
TILT HAMMER



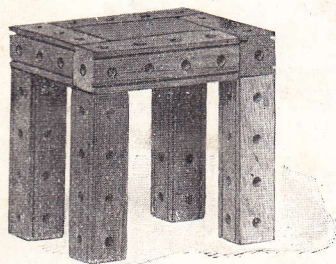
WHEELBARROW



SEE SAW



CABLE TROLLEY



STOOL

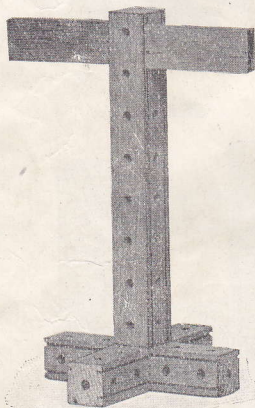


CHAIR

Examples of Models that can be made from

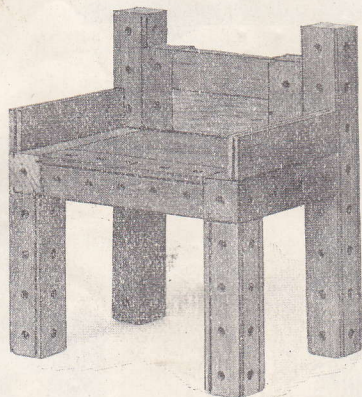
... THIS OUTFIT OF ...

PIN-TUNG.

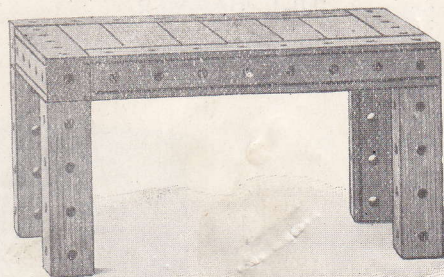


SIGN POST

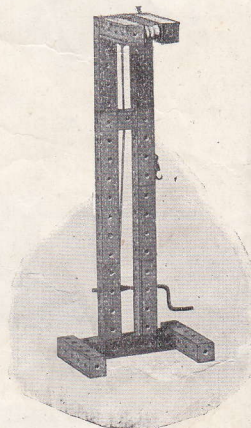
Can be altered to a Railway
Signal.



WASH-HAND STAND



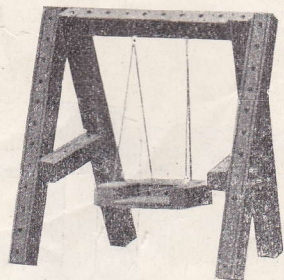
BENCH



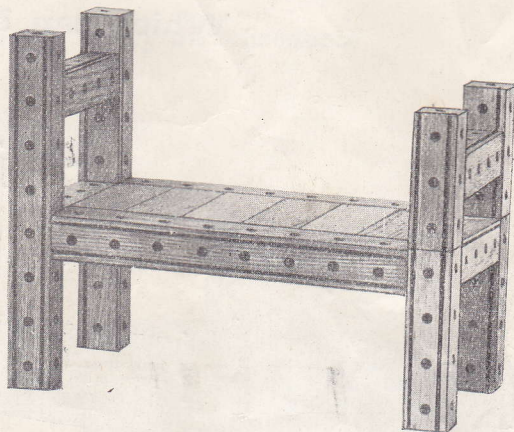
CRANE

The winding handle
can be made as on the
Windlass shewn
overleaf.

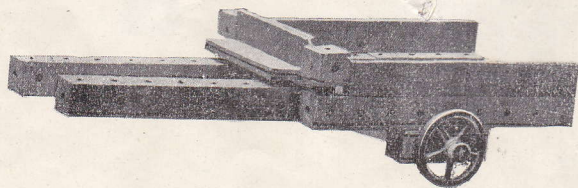
Models that can be made with this set of **PIN-TUNG** Blocks.



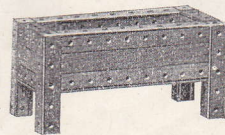
SWING



BEDSTEAD



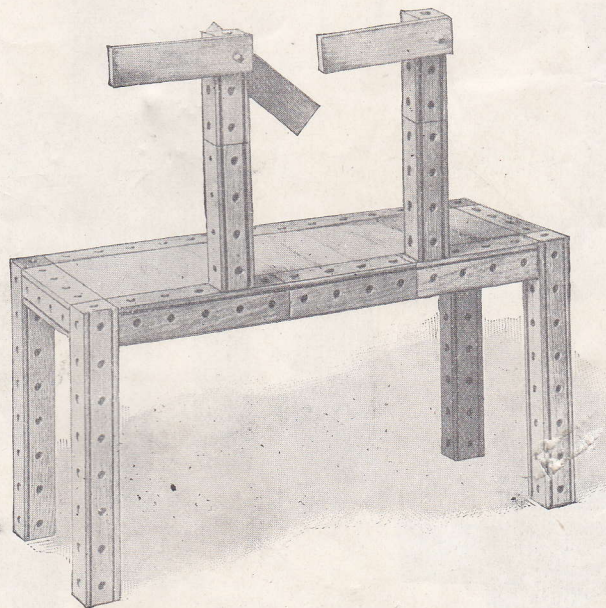
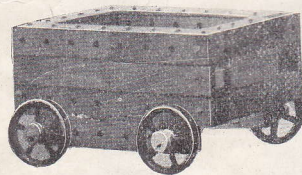
LOW SIDED CART



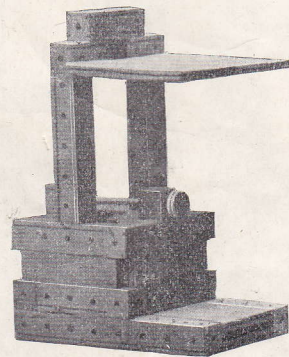
TROUGH.

MORE MODELS FROM PIN-TUNG

Which can be made with this set.



SIGNAL GANTRY

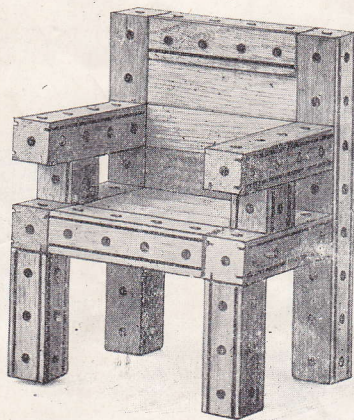
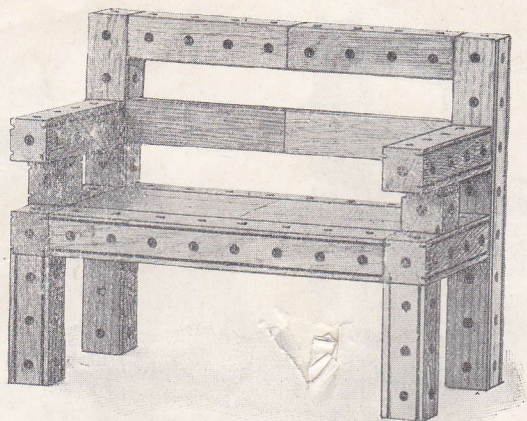


The top requires 9 wide and 1 narrow slabs No. 4.

PIN-TUNG BLOCKS

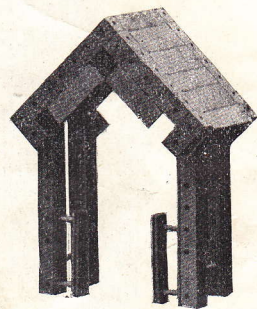
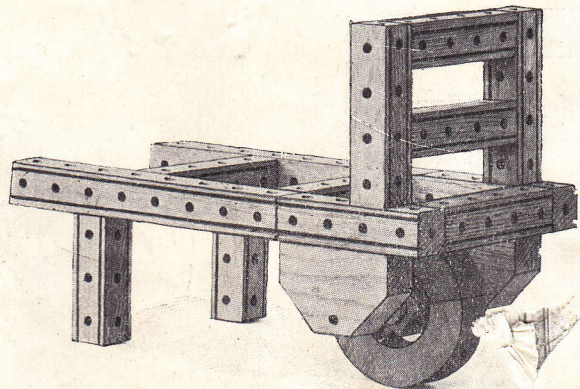
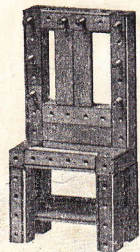
MADE FROM THIS SET.

A great many other articles in the house will easily be reproduced.



MORE MODELS FROM
THIS SET OF PIN-TUNG BLOCKS.

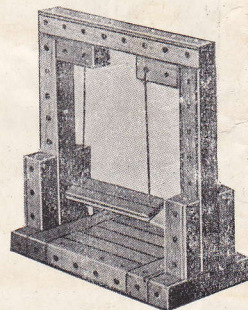
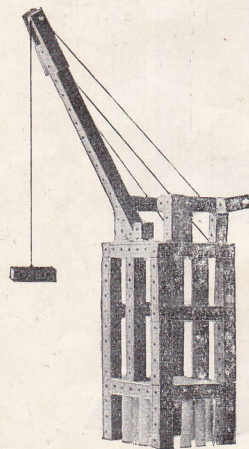
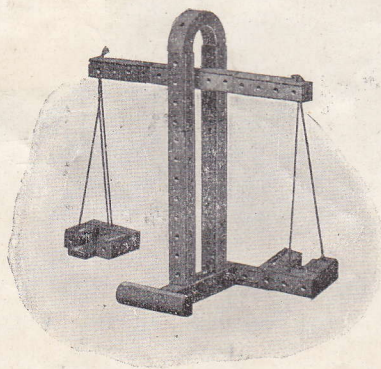
These drawings by no means exhaust the possibilities of the set, being merely suggestive. Any parts required for more ambitious constructions can be had in boxes or separately.



This may be made with 2 wheels carried on long pins driven into end holes of a block which should be fastened across the underside of frame.

THE MODELS SHEWN HERE CAN BE MADE WITH

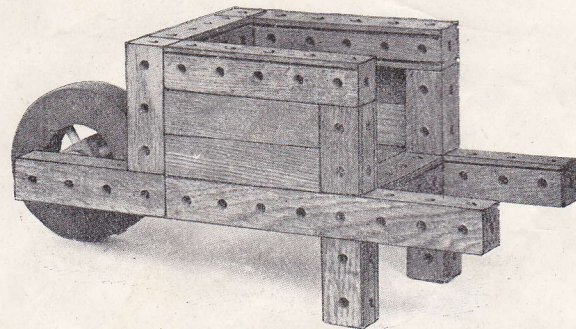
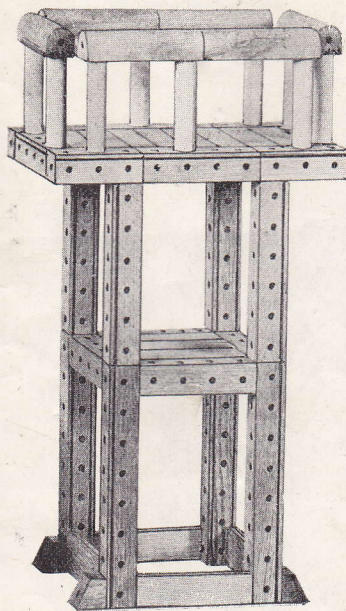
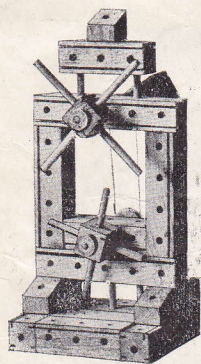
THIS SET OF PIN-TUNG.



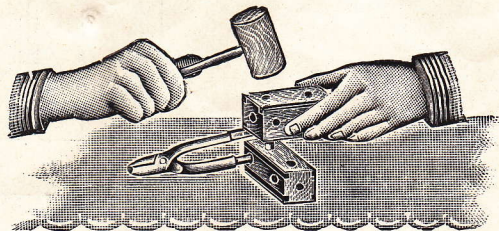
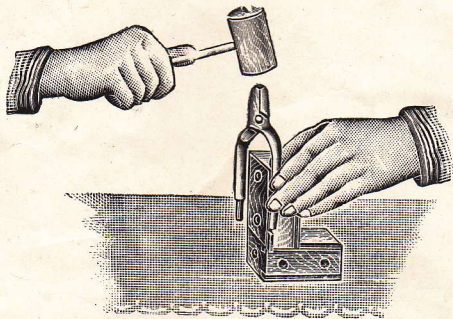
PIN-TUNG.

MODEL-MAKING MADE EASY.

NO. 100



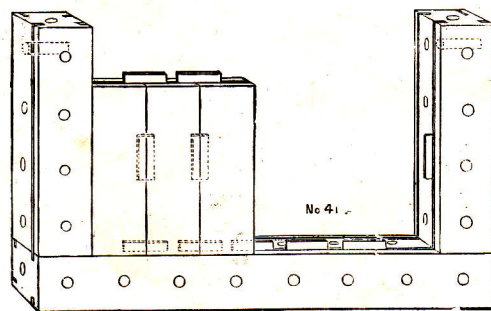
PIN-TUNG. HOW TO USE THE EXTRACTOR.



The first illustration shews how to extract the tongues. Press the flat leg of the tool into the groove, let the block slightly project over another, then drive out the tongue.

The second drawing shews a pin being fitted--the round leg of the extractor is pushed into the hole underneath, the pin is driven in and the next block takes the other half of the pin. By the use of this tool half the pin is kept in each block.

PIN-TUNG. MORE HINTS FOR BUILDING.



This drawing illustrates the method of building floors, sides of trucks, etc., and the pins driven in "flush" will be plainly seen in place ready to push into the side block which will complete the structure.

BLOCKS are described by the number of holes they contain in a row. The holes are $\frac{3}{4}$ -in. apart.

The **SLABS** correspond with the blocks, thus—a No. 4 slab is the same length as a 4 hole block. They are in two widths.

PIN-TUNG

MECHANICAL BUILDING BLOCKS

Are supplied in 7 successive Outfits.

No. 1.	2/6	each with illustrations of 11 models.		
No. 2.	3/6	„	23	„
No. 3.	5/6	„	29	„
No. 4.	8/6	„	41	„
No. 5	12/6	„	48	„
No 6.	17/6	„	52	„
No. 7.	21/-	„	55	„

ACCESSORY BOXES ARE ALSO MADE.

No. 1a.	1/3	each, makes No. 1 box equal to No. 2.		
No. 2a.	2/3	„	No. 2	„
No. 3a.	3/6	„	No. 3	„
			No. 4	

Pins and Tongues (assorted) per box, **3d.**

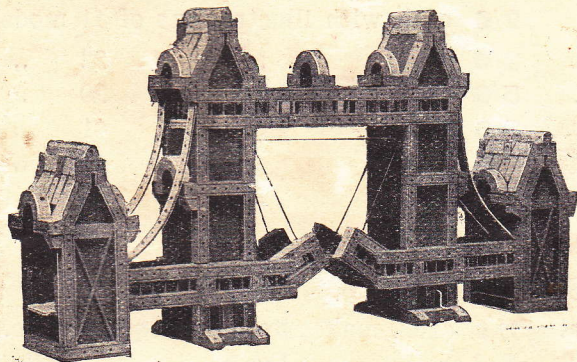
SEPARATE PARTS MAY BE OBTAINED.



PIN-TUNG BUILDING BLOCKS.



MODEL-MAKING MADE EASY.



BUILT WITH "PIN-TUNG" BLOCKS.

Ask your Toy Dealer to shew you the other "TESSTED"
Toys that Teach—you will be interested.

