

T. L. BOSTWICK.
CONSTRUCTION BLOCK.
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1,155,035.

Patented Sept. 28, 1915.

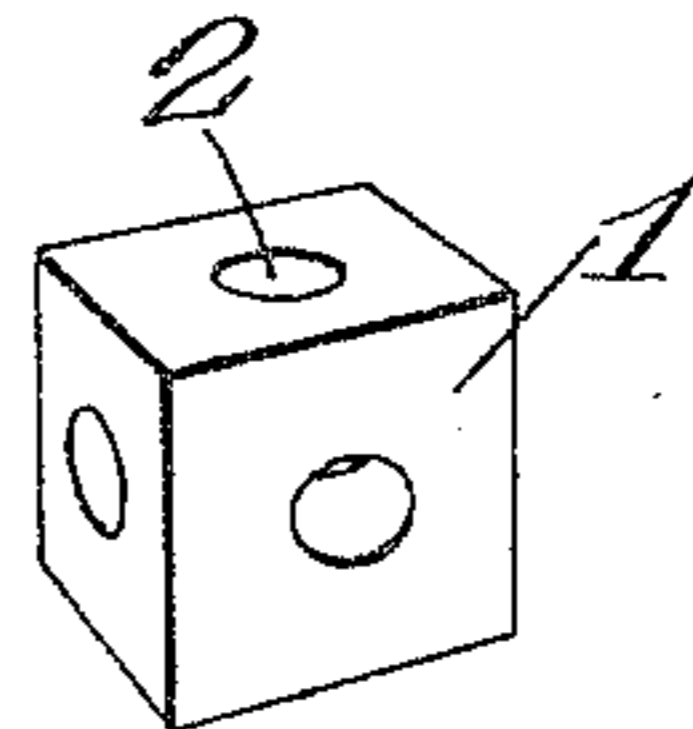
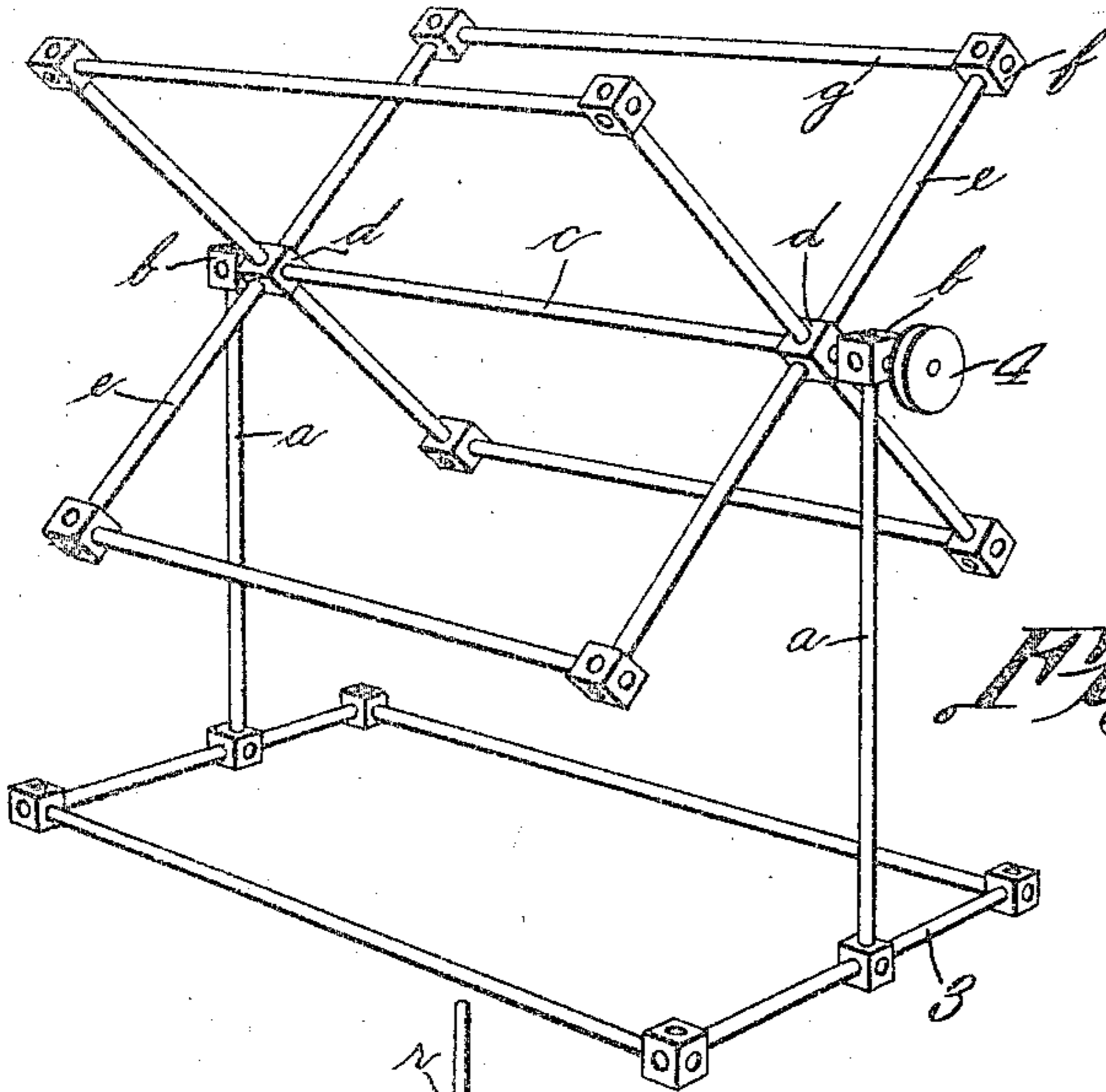


Fig. 1.

Fig. 5.

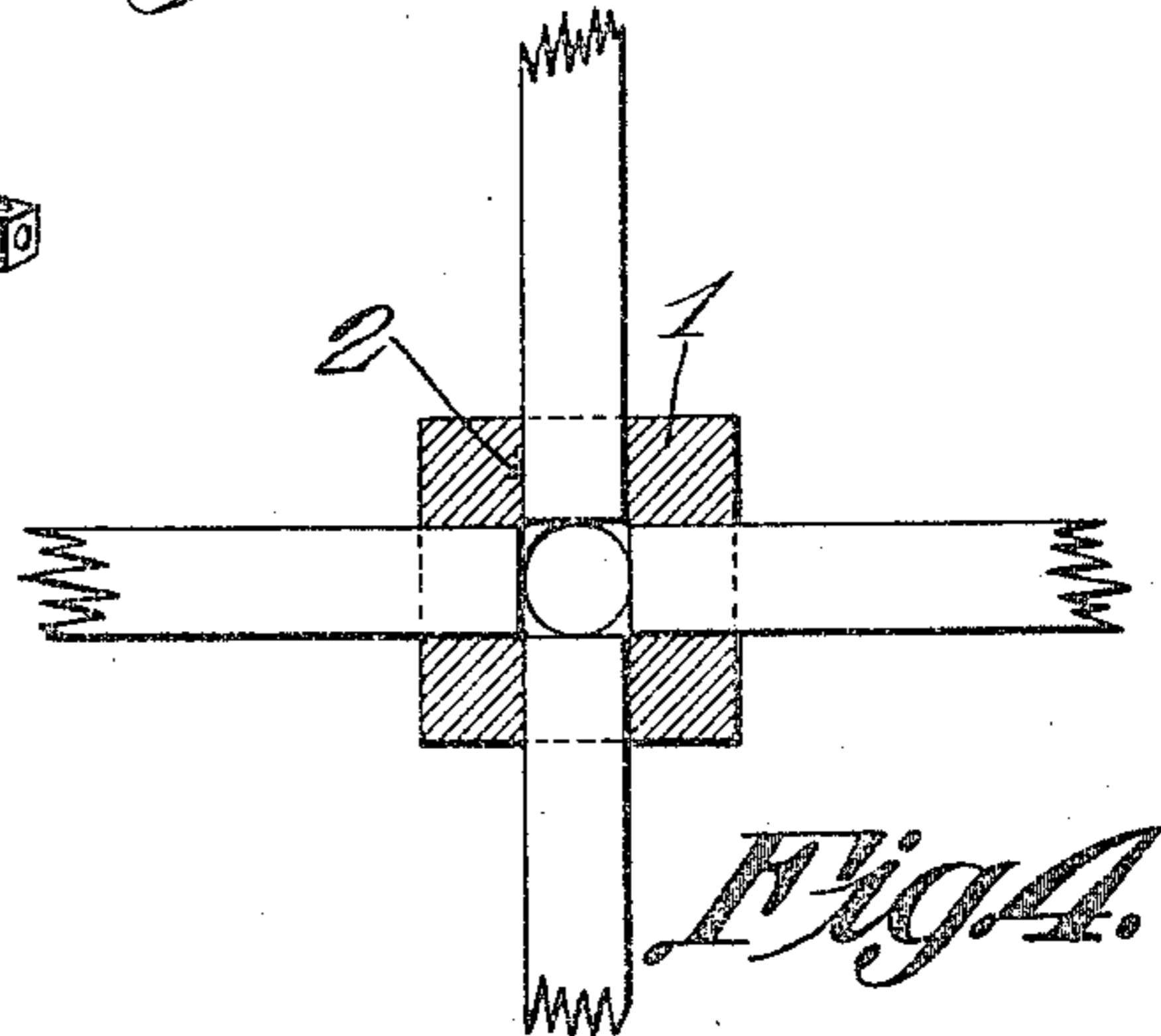


Fig. 4.

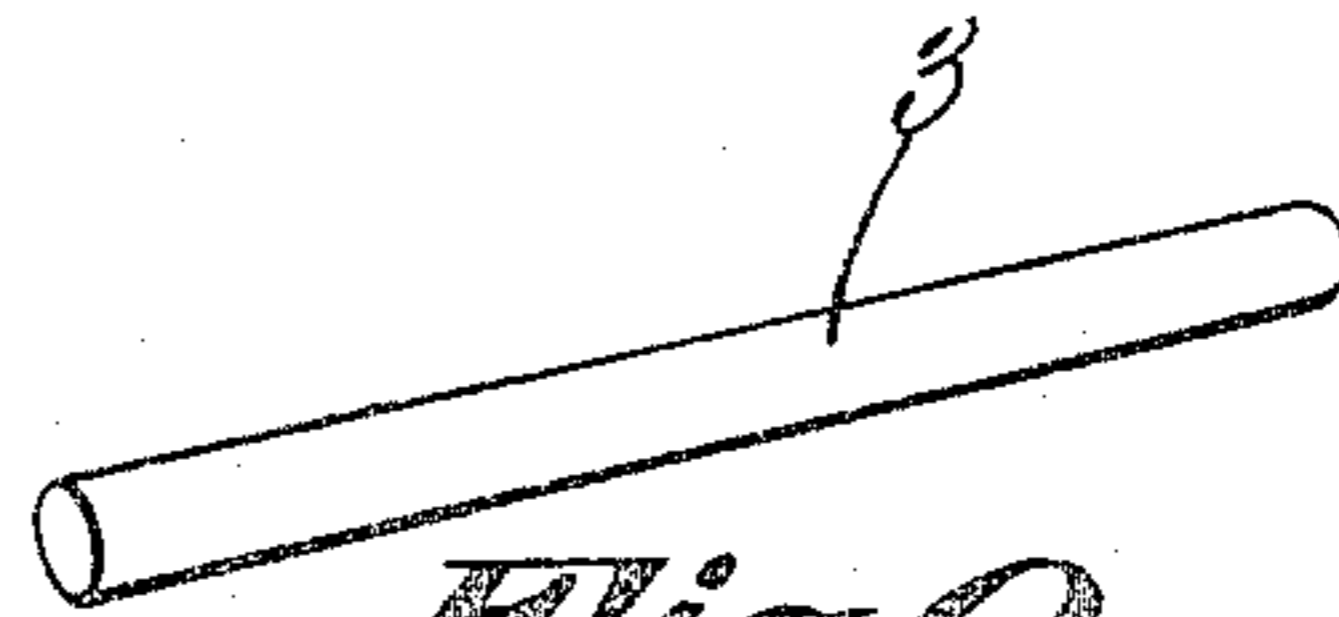


Fig. 2.



Fig. 3.

Witnesses

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CONSTRUCTION-BLOCK.

1,155,035.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, TUFFEL L. BOSTWICK, a citizen of the United States, residing at Burlington, in the county of Chittenden and State of Vermont, have invented a new and useful Construction-Block, of which the following is a specification.

This invention relates to improvements in construction blocks designed either for use in the construction of toy objects or, on a larger scale, for use in the construction of display racks, drying racks, and similar articles.

One of the objects of the invention is to provide a construction block consisting of a unit having six approaches or, in other words, six apertured faces, any one of the apertures being adapted to receive a dowel which can be of any preferred length, the dowels being adapted to frictionally engage the walls of the apertures and, after a predetermined combination of units has been set up, the parts will remain in the positions in which they have been arranged.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed, can be made within the scope of what is claimed, without departing from the spirit of the invention.

In the accompanying drawings the preferred forms of the invention have been shown.

In said drawings:—Figure 1 is a perspective view of one of the units or coupling blocks forming a part of the present invention. Figs. 2 and 3 are perspective views of dowels or connecting blocks to be used in connection with approach blocks. Fig. 4 is an enlarged section through a coupling block and showing dowels or connecting blocks extending therefrom. Fig. 5 is a perspective view of a form of display rack or reel which may be constructed by the use of units such as constitute the present invention. Fig. 6 is a perspective view of another form of display rack which can be constructed by the use of the units constituting the present invention.

Referring to the figures by characters of reference 1 designates a coupling block which, in the present instance, is a cube

formed of any desired material, there being a circular opening 2 in the center of each face of the cube, these openings extending entirely through the block. Dowels or connecting blocks 3 of different lengths are designed to be used in connection with the coupling blocks, these dowels likewise being preferably formed of wood and being adapted to fit snugly within the openings 2.

By providing a coupling block having an opening in the center of each of its faces, a large number of combinations can be devised. For example, and as shown in Fig. 5, a base can be made up of four coupling blocks connected by dowels, each end of the base being provided with a coupling block which is threaded onto the end dowel 3. Standards A formed of dowels can be inserted in the openings in the upper faces of the intermediate end blocks and these standards are used to support coupling blocks B through which a dowel C is extended. Coupling blocks D can be mounted on the dowel C and each of these coupling blocks can have dowels E radiating from the several faces thereof. The outer ends of the dowels E have coupling blocks F which, in turn, are connected by dowels G. Thus it will be seen that a reel structure or a display rack is provided and, by having the dowel C fitted loosely in the coupling blocks B, a pulley 4 can be fitted onto one end of the dowel C and the reel thus rotated in any suitable manner, thus affording an amusing toy when the device is built on a small scale.

Another structure which can be built up of blocks such as constituting the present invention, has been illustrated in Fig. 6, this structure consisting of a base H made up of four coupling blocks and connecting dowels, and standards I made up of dowels on which coupling blocks J are mounted, these coupling blocks being connected by dowels K. Additional coupling blocks L can be mounted on the middle portions of certain of the dowels K and can be connected by a cross dowel M supporting a long dowel N constituting a central standard on which several approach blocks O can be mounted. Pegs P formed of short dowels are extended upwardly from the coupling blocks J and L and each of the coupling blocks O can be provided with dowels Q extending from the side faces thereof. Some of the dowels can be short so as to form pegs, as shown at R, while other dowels can

be long so as to support approach blocks S from which the short dowels are extended to constitute horizontal and vertical pegs T.

It will be obvious of course that various other combinations of approach blocks and dowels can be utilized for the purpose of getting structures different from those illustrated. By using blocks of small sizes, they can be employed in the construction of toy articles, whereas by utilizing large sized blocks, articles of full size, such as display furniture and the like can be constructed.

What is claimed is:—

The combination with a plurality of

cubes, each having an aperture in each face thereof and extending entirely therethrough, of dowels of uniform diameter insertible desired distances into any of said apertures and adapted to constitute connections between the cubes.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

TUFFEL L. BOSTWICK.

Witnesses:

S. M. HAYS,
J. T. STEARNS.