No. 850,490. PATENTED APR. 16, 1907.

J. H. PRICE.

NESTED TOY BLOCKS.

APPLICATION FILED JUNE 9, 1906.

Fig. 1.

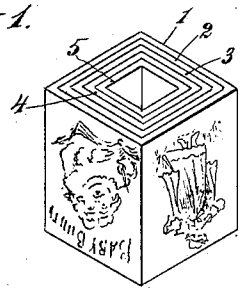


Fig. 2.



Fig. 3.

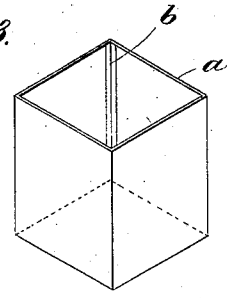


Fig. 4.

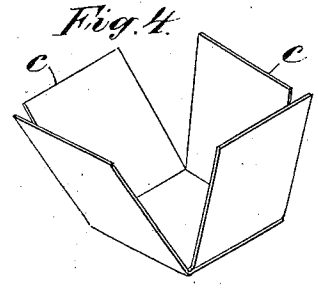


Fig. 7.

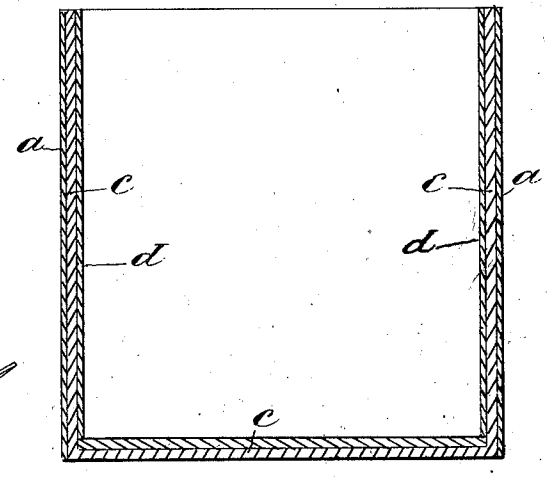


Fig. 6.

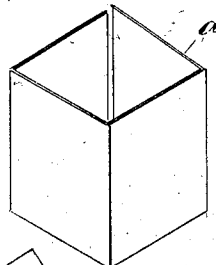
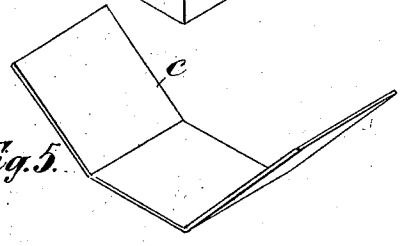


Fig. 5.



Witnesses
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UNITED STATES PATENT OFFICE

JOHN H. PRICE, OF NEW YORK, N. Y.

NESTED TOY BLOCKS.

No. 850,490. Specification of Letters Patent. Patented April 16, 1907.

Application filed June 9, 1906. Serial No. 320,976.

To all whom it may concern:

Be it known that I, JOHN H. PRICE, a British subject, residing in the city, county, and State of New York, have invented certain new and useful Improvements in Nested Toy Blocks, of which the following is a specification.

This invention relates to what are commonly called "toy blocks," and which are usually nested. These blocks are open and box-like or hollow and have been therefore made from wood in five pieces or thin boards nailed together; and the object of the present invention is to construct them of paper-board in a peculiar and novel manner which shall be cheaper than the ordinary way of making them and which will produce a stronger and more durable block.

In the accompanying drawings, which illustrate an embodiment of the invention, Figure 1 is a perspective view of a set of nested blocks, showing the open ends thereof; and Fig. 2 is a similar view of the same inverted. Figs. 3, 4, 5, and 6 show the elements or members of the block to be hereinafter described. Fig. 7 is an enlarged sectional view of the block, showing the plies of paper-board used in the block.

In Fig. 1 the numerals 1, 2, 3, 4, and 5 designate the several nested blocks, of which Fig. 2 shows only the outer or larger one.

Fig. 3 shows the outer member *a* of the block. This is a square tube formed by scoring and folding a sheet of paper-board and joining together the meeting edges thereof, preferably by means of a strip of woven fabric *b*, glued or pasted on. Fig. 4 shows two like reinforcing members *c*, one of which is shown separate in Fig. 5. Each of these members is made from stiff paper-board with two scores, and each member forms an end ply and two side plies. Fig. 4 shows the two members *c* placed together, one within the other, so that the parts which are to form the end plies are superposed. Fig. 6 shows the inner or lining member *d*. This member is tubular and similar to the member *a*, but smaller, and the meeting edges are not closed by a strip. In making the block from these members the two members *c* are put together, as seen in Fig. 4, and then pushed down into the tubular member *a*, after which the member *d* is pushed down inside the members *c*. The effect is to produce a structure like that seen in Fig. 7—that is, with three plies in the sides or side walls and two plies in the end or end wall. Preferably the reinforcing members *c* will be made from thicker board than is employed in the members *a* and *d*, so that the two end plies will be about as thick as the three side plies. The members may be pasted or glued together in making the block.

After making the structure, as seen in Fig. 7, it may be, and usually will be, covered exteriorly with a thin glazed or varnished sheet on which are printed pictures, the letters of the alphabet, or the like to interest and instruct children; but this is a common feature and forms no novel part of the present invention.

It may be explained that the member *a* constitutes four connected side plies of the block. The members *c* each constitute two side plies of the block and one end ply, all connected, and the member *d* constitutes four connected side plies of the block.

The members and their parts will of course have the proper or desired proportions or dimensions and may be cut from paper-board of any desired thickness.

Obviously this novel construction may be employed in box-like structures for any desired use or purpose.

Having thus described my invention, I claim—

1. As an improved article of manufacture, an open, box-like structure, made up of four members, namely, an outer, square tube of paper-board, which constitutes plies of the four sides, an inner, square tube of paper board, which also constitutes plies of the four sides, and two like reinforcing members of strong paper, each of said reinforcing members comprising two side plies and an end ply, the end plies of said members being superposed, and the several side plies thereof interposed between side plies of the said inner and outer members.

2. As an improved article of manufacture, a box-like toy block made wholly of paper-board and the structure consisting of the

open-ended, square tube *a*, secured at its meeting edges by a strip *b*, the open-ended, square lining-tube *d*, and the two like members *c*, which have their middle sections superposed to form end plies and their end sections interposed between the plies of the said tubes *a* and *d*.

In witness whereof I have hereunto signed my name, this 7th day of June, 1906, in the presence of two subscribing witnesses.

JOHN H. PRICE.

Witnesses:
HENRY DISTLER,
CHARLES A. CHICHESTER