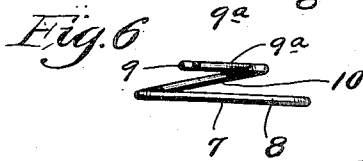
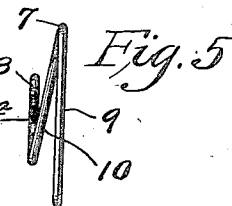
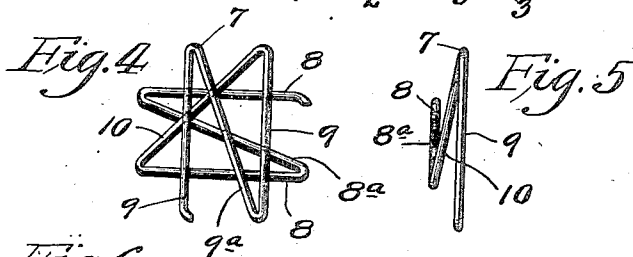
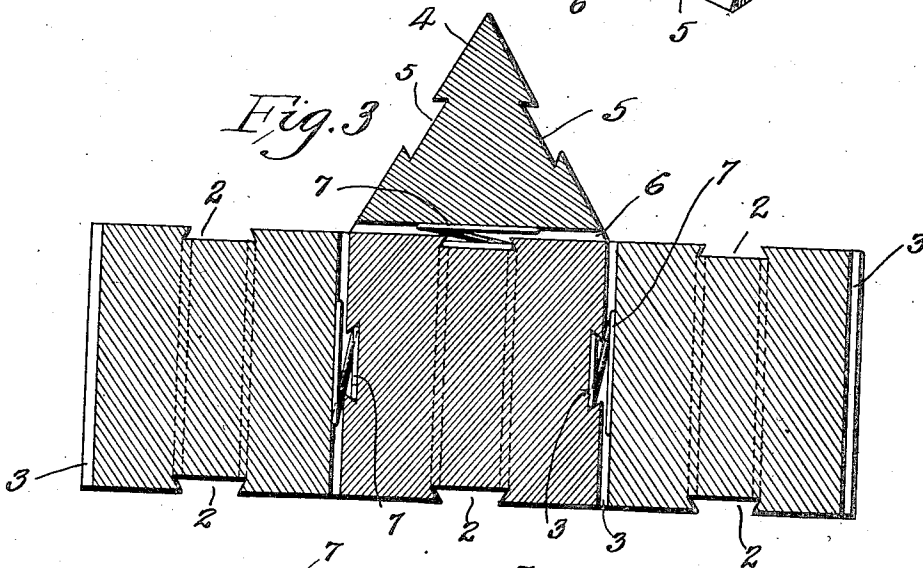
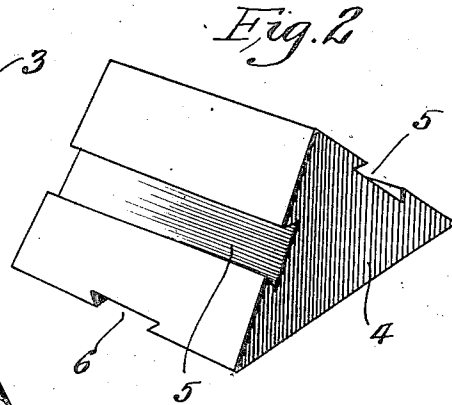
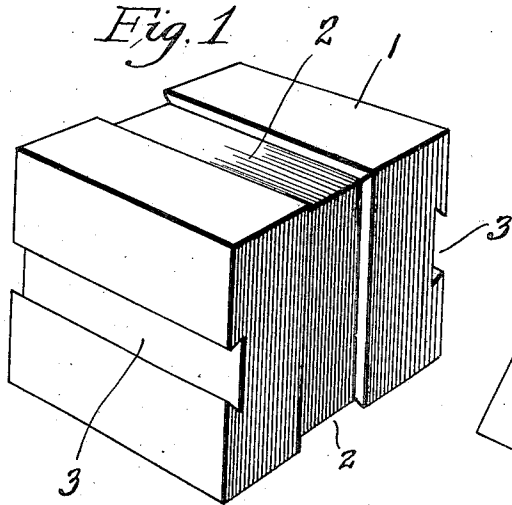


M. L. GREENSTREET.
CHILD'S BUILDING BLOCKS.
APPLICATION FILED APR. 25, 1918.

1,294,446.

Patented Feb. 18, 1919.



Inventor
Milfred L. Greenstreet
By *J. N. Symmes, atty.*

UNITED STATES PATENT OFFICE.

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CHILD'S BUILDING-BLOCKS.

1,294,446.

Specification of Letters Patent.

Patented Feb. 18, 1919.

Application filed April 25, 1913. Serial No. 230,693.

To all whom it may concern:

Be it known that I, MILFRED L. GREEN-STREET, a citizen of the United States, residing at city of Joplin, State of Missouri, have invented a certain new and useful Improvement in Children's Building-Blocks, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a detail view of one form of child's building block.

Fig. 2 is a similar view of another form of child's building block.

Fig. 3 is a sectional view through several building blocks assembled.

Fig. 4 is a side elevational view of the form of connecting medium used between the blocks.

Fig. 5 is an edge elevational view of said connecting medium, and

Fig. 6 is a plan view of said connecting medium.

This invention relates to a new and useful improvement in child's building blocks, the object being to provide blocks with grooves whereby a connecting medium may be introduced into the grooves in the faces of adjacent blocks to hold the blocks together.

My invention contemplates the use of a yielding connection capable of being frictionally engaged in the grooves of the contiguous faces of adjacent blocks, whereby they may be secured together and held in desired positions.

In the drawings, 1 indicates a building block in the form of a cube, but it is obvious that the shape of the block is immaterial, as a number of different shaped blocks may be used to constitute a set.

Block 1 is provided with dove tail groove 2 encircling it on four faces, while two parallel grooves 3, also dove tailed in shape, are arranged on the remaining opposing faces of the block.

In Fig. 2, I have shown a V-shape block 4 as having two parallel grooves 5 in its side faces. A cross groove 6 is arranged in the bottom face of the block.

7 indicates a resilient connecting member preferably formed of a bent wire composed essentially of members 8 which are designed

to enter the groove of one block and angularly disposed members 9 designed to enter the groove of another block, the members 8 and 9 being connected together by the connecting member 10. The members 8 and 9 are preferably disposed at right angles to each other and are arranged in pairs substantially parallel to each other and connected by diagonal pieces 8^a and 9^a respectively, the ends being curved or slightly bent so as to offer unobstructed surfaces.

In assembling the blocks together, the connecting medium is first introduced into a groove in one block say, for instance, by sliding the members 9 therein. This leaves the members 8 projecting above the face of the block and at right angles to the groove whereby another block can be slid into position in a direction parallel to the axis of the members 8, until the second block has reached the desired position. The member 10 forms a yielding connecting medium and the dove tail grooves into which the members 8 and 9 have been forced with slight friction will serve to hold the blocks in close proximity to each other until it is desired to separate them.

I am aware that the illustrative form of the invention herein shown may be varied and modified in numerous particulars, and I am also aware that my invention as herein-after claimed may be embodied in other forms.

I claim:

1. Building blocks for children having dove-tail grooves in their contiguous faces and a resilient connecting medium having parts adapted to be removably positioned within said grooves.

2. Building blocks for children having continuous dove tail grooves in their contiguous faces and a yielding connecting medium having resilient portions which are adapted to frictionally engage in said grooves.

3. Building blocks for children having dove-tail grooves in their contiguous faces, and a yielding connecting medium for said blocks, said connecting medium having resilient portions for frictionally engaging in the grooves, and a connection between said resilient portions.

4. Building blocks for children having dove tail grooves in their contiguous faces

and a connecting medium in the form of a bent wire frictionally engaging said grooves for temporarily holding the blocks together.

5 5. A connecting medium for children's blocks in the form of a bent wire composed of members angularly disposed to each other and connected together.

10 6. Toy building blocks provided with continuous grooves in their contiguous faces the sides of which grooves are undercut, and a connecting member having resilient por-

tions adapted to frictionally engage in said grooves at any point throughout the lengths thereof.

In testimony whereof I hereunto affix my 15 signature in the presence of two witnesses, this 20th day of April, 1918.

MILFRED L. GREENSTREET.

Witnesses:

E. E. Cross,
LENA BROWN.