(No Model.)

2 Sheets—Sheet 1.

E. SCHUELLER.

EDUCATIONAL TOY.

No. 322,754. Patented July 21, 1885.

FIG. 1.

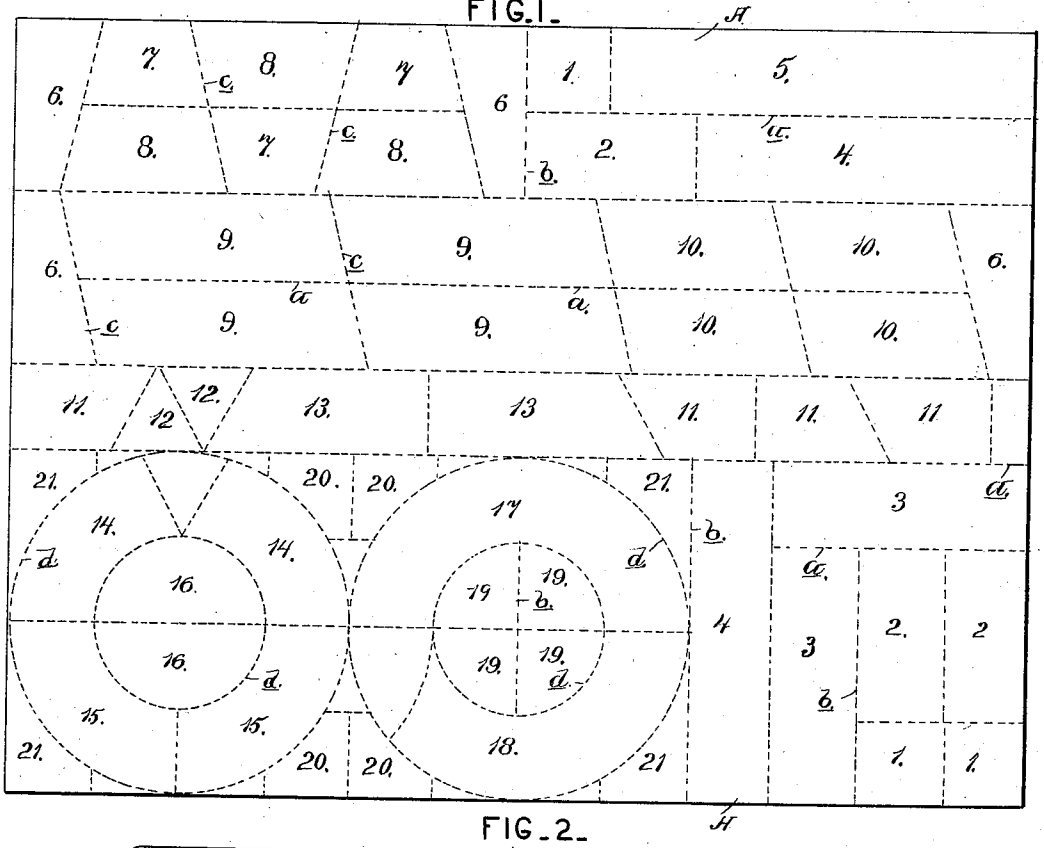
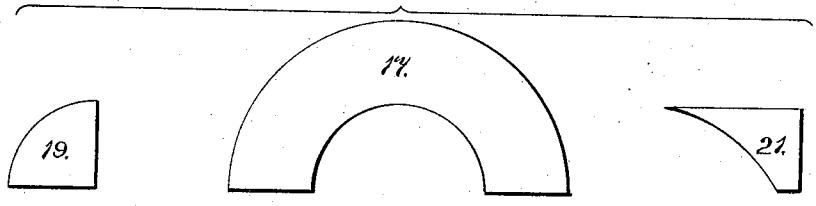
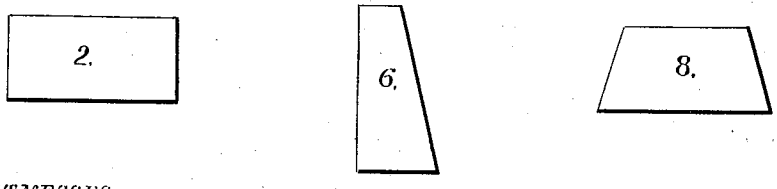


FIG. 2.





WITNESSES

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(No Model.)

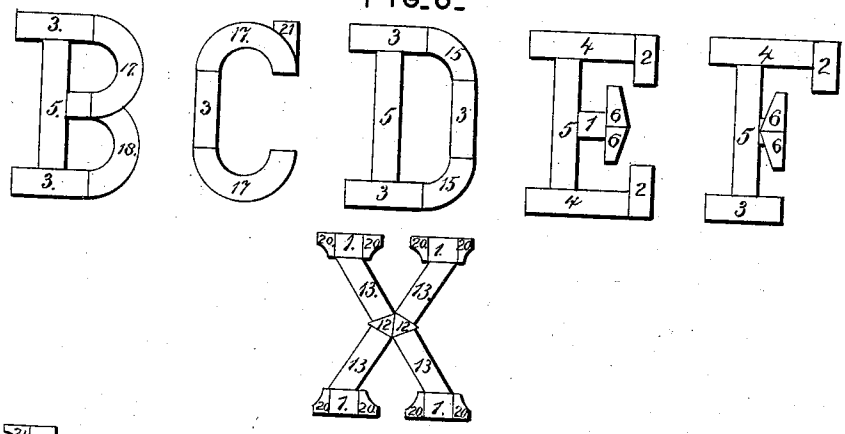
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EDUCATIONAL TOY.

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FIG. 3.



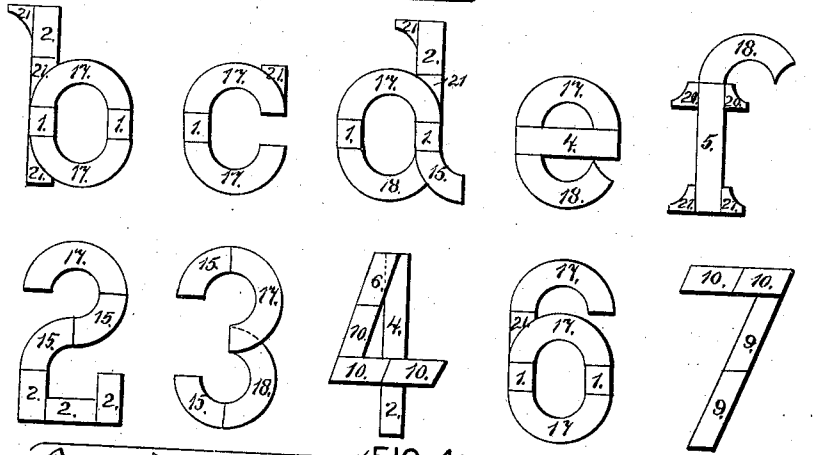
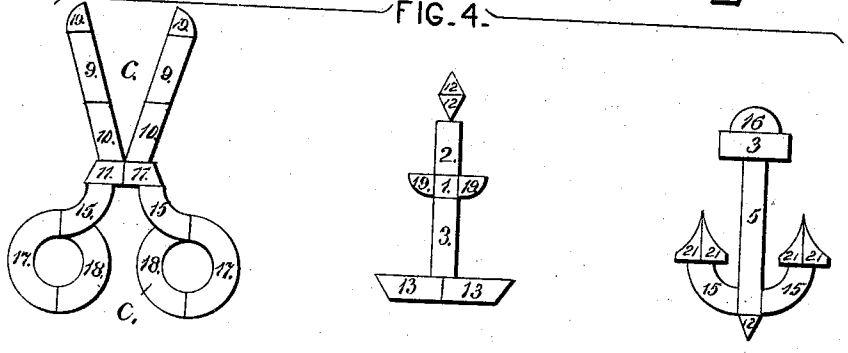


FIG. 4.



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UNITED STATES PATENT OFFICE.

ERNST SCHUELLER, OF COLUMBUS, OHIO.

EDUCATIONAL TOY.

SPECIFICATION forming part of Letters Patent No. 322,754, dated July 21, 1885.

Application filed April 25, 1885. (No model.)

To all whom it may concern:

Be it known that I, ERNST SCHUELLER, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented a new and useful Educational Toy, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a blank from which the blocks which constitute my invention are severed, the various dotted lines indicating the lines of cutting. Fig. 2 illustrates certain of my blocks when cut from the blank. Fig. 3 represents a series of letters and numbers formed by combining the different blocks. Fig. 4 represents a manner in which certain mechanical designs are obtained by a combination of blocks.

My invention relates to the production of a new and instructive toy, and one that readily improves the minds of the young in the formation of characters and designs.

My invention consists in the construction and arrangement of certain peculiarly-shaped blocks appropriately numbered, and in the combination of these blocks to form letters or designs, all of which will be hereinafter fully described and claimed.

To enable others skilled in the art to which my invention appertains, I will now proceed to describe the manner in which I have carried it out.

In the said drawings, A represents a blank of light wood, pasteboard, or other suitable material, from which the blocks which constitute my invention are stamped or otherwise severed. The blank A has any desired number of oorizontal, vertical, diagonal, and curved lines, *a*, *b*, *c*, and *d*, and the blocks when cut on these lines form the peculiarly-shaped pieces, some of which are illustrated in Fig. 2. These blocks, which may be ornamented in any suitable manner, are appropriately numbered, the numbers corresponding to those printed upon a sheet of designs or characters, such as accompany most of the illustrative or educational games now commonly used.

In the use of this game the child readily recognizes the number and formation of the different pieces, and, with the assistance of the printed sheet of illustrations before mentioned, is enabled to construct the letters of the alphabet, as well as numbers and numerous mechanical designs, such as those illustrated in Fig. 4.

To better illustrate my invention, I will take the letter X, a very difficult letter to form ordinarily. This letter is composed of the four rectangular pieces 13, the four approximately square pieces 1, the two small pieces 12, and the pieces 20, which are formed from the blank A by severing from the blank the semicircular pieces 14. It will thus be seen that a difficult and yet a symmetrical letter is formed by the union of these pieces. Such is also the case with any of the large or small letters of the alphabet, as well as of other designs, such as the pair of open shears, illustrated in the drawings at C. This rather complex design is readily made by combining the semicircular pieces 17 and segmental pieces 18 and 15, which form the handles, and the angular pieces 9, 10, and 11, which, in conjunction with the small curved pieces 19, form the blades and complete the device.

This is only one of the many instances in which my invention may be used to great advantage in teaching young children to accustom themselves to the different letters of the alphabet and providing an amusing as well as instructive game.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As an improved educational toy, a series of rectangular, angular, and curved blocks, each block numbered, and adapted, when combined, to form designs, lettering, or numbers, substantially as herein shown and described.

ERNST SCHUELLER.

Witnesses:
J. W. MOONY,
GEO. S. ARTZ.