

F. P. SCHMITTHENNER.

TOY PUZZLE-BLOCKS.

No. 187,420.

Patented Feb. 13, 1877.

Fig. 1.

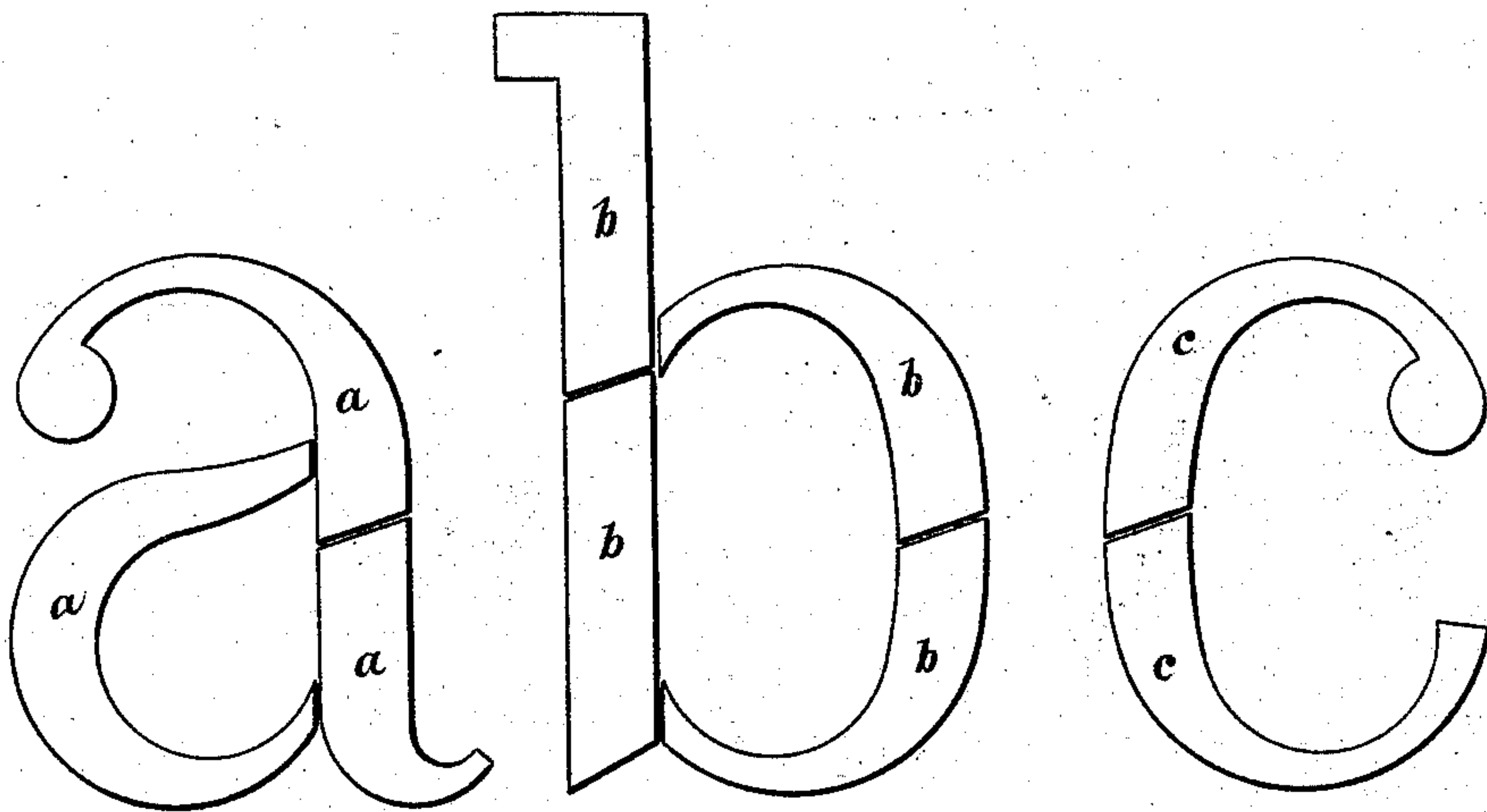
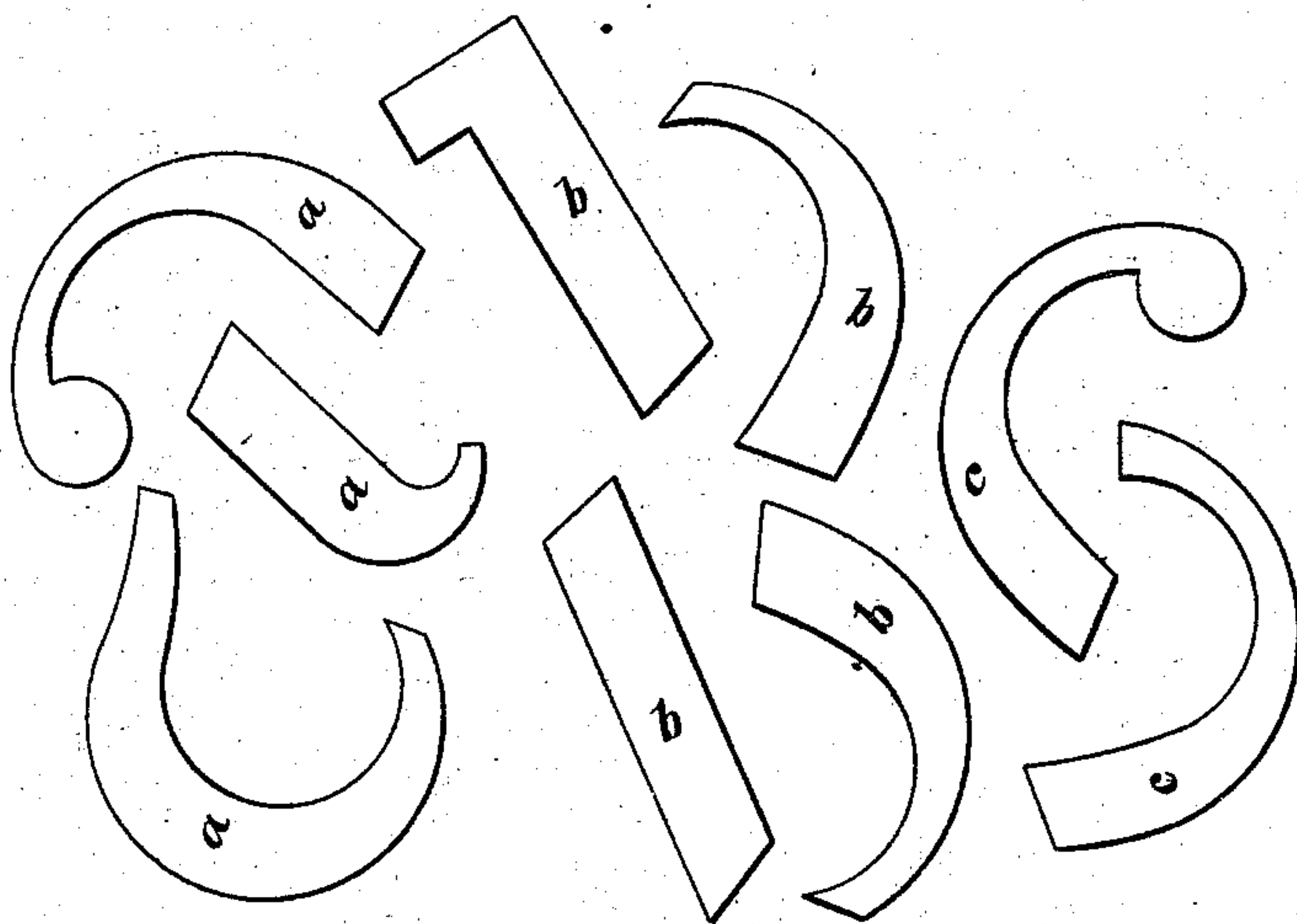


Fig. 2.



Witnesses.

Otto Hufeland  
Karl Bueggemann

Inventor.

Franciska P. Schmitthenner

by

Van Santvoord & Hauff

her attorney.

# UNITED STATES PATENT OFFICE.

FRANCISKA P. SCHMITTHENNER, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN TOY PUZZLE-BLOCKS.

Specification forming part of Letters Patent No. **187,420**, dated February 13, 1877; application filed January 13, 1877.

*To all whom it may concern:*

Be it known that I, FRANCISKA P. SCHMITTHENNER, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Toy Puzzles, which improvement is fully set forth in the following specifications, reference being had to the accompanying drawing, in which—

Figure 1 represents a face view of a series of letters, constructed according to my invention, when the same are put together. Fig. 2 is a similar view of the same when taken apart.

Similar letters indicate corresponding parts.

This invention consists of a toy puzzle composed of a series of letters and figures, each letter or figure being made in two or more sections, on each of which is marked a key to indicate the letter or figure of which the same forms a part, so that by means of said key the various sections for each letter or figure can be readily selected, and different letters, figures, words, or sentences can be formed, thus providing a toy which serves both for amusement and for instruction.

In the drawing I have represented three letters of the alphabet, *a*, *b*, and *c*, which are intended to be cut out of wood, card-board, or any other suitable material, and which may be colored to suit the taste and convenience. Each of those letters is composed of two or more sections; the letter *a*, for instance, being composed of four, the letter *b* of four, and the letter *c* of two sections, and on each of these sections is marked a suitable key; for instance, on each of the sections which compose the letter *a* is marked an *a*, on each of the sections *b* is marked a *b*, and so on; but, if desired, other characters, figures, or designs may be selected for the various keys.

In a complete set of my toy are contained all the capital as well as the small letters of the alphabet, each letter being repeated two or more times, so that a sufficient number of letters will be provided for spelling words or sentences of different length.

With the letters may also be combined figures from 0 to 9, which are constructed in the same manner as the letters. The various sections may be provided with dowels and sockets, so that the same, when fitted together, will retain their proper position in relation to each other. When all the letters and figures are taken apart, and the sections composing the same are mixed up, it requires some skill and patience to pick out the parts requisite to form words, figures, or sentences, and a toy is obtained which serves for instruction as well as for amusement.

What I claim as new, and desire to secure by Letters Patent, is—

A toy puzzle composed of a series of letters cut from suitable material, each letter being composed of two or more sections, and each section provided with a key to indicate the letter of which the section forms part, the entire series when properly brought together representing the capitals and smaller letters of the alphabet, as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 12th day of January, 1877.

FRANCISKA P. SCHMITTHENNER. [L. s.]

Witnesses:

J. VAN SANTVOORD,  
E. F. KASTENHUBER.