

No. 641,739.

Patented Jan. 23, 1900.

T. E. THOMPSON.  
EDUCATIONAL APPLIANCE OR GAME.

(Application filed June 22, 1899.)

(No Model.)

Fig. 1.

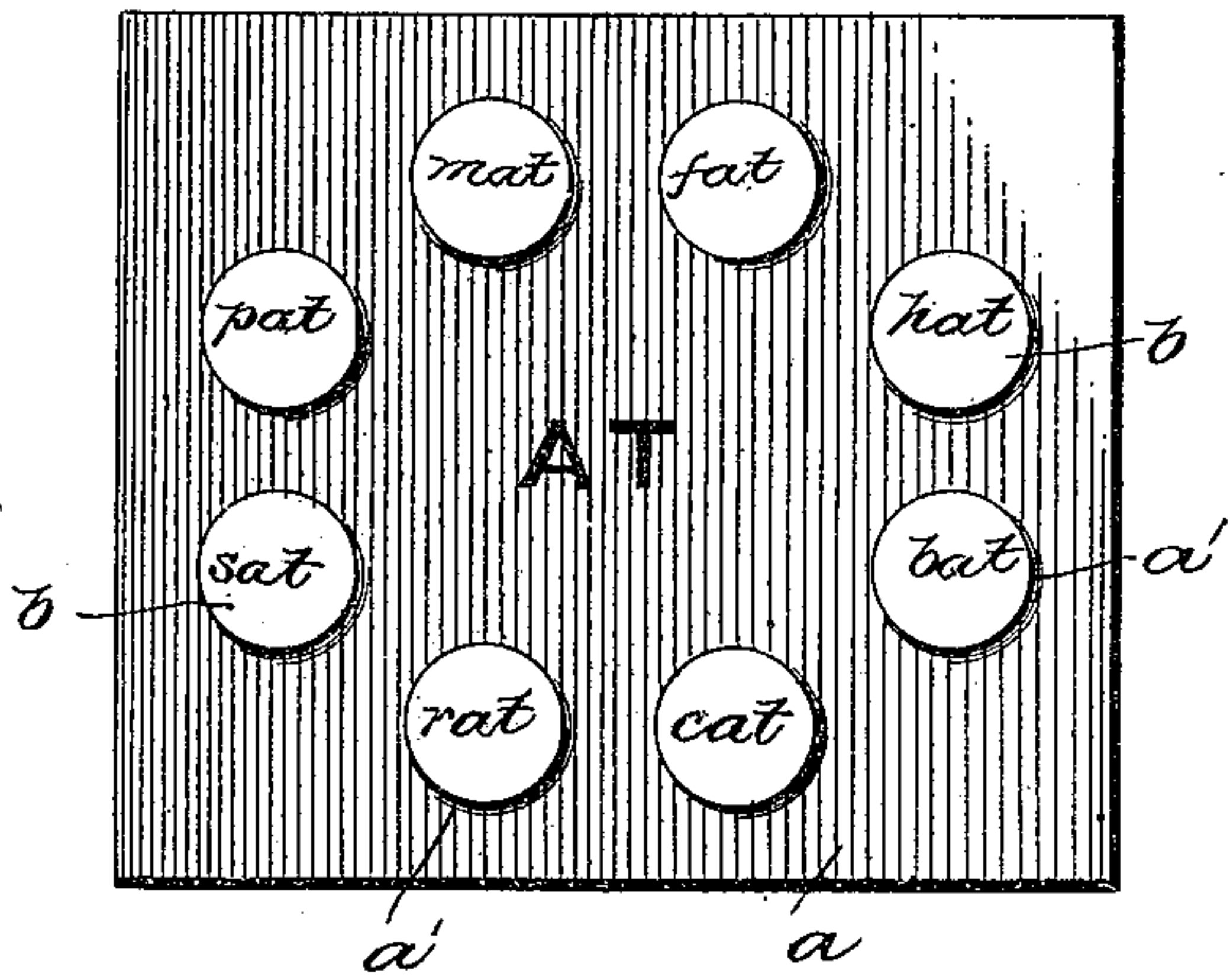


Fig. 2.

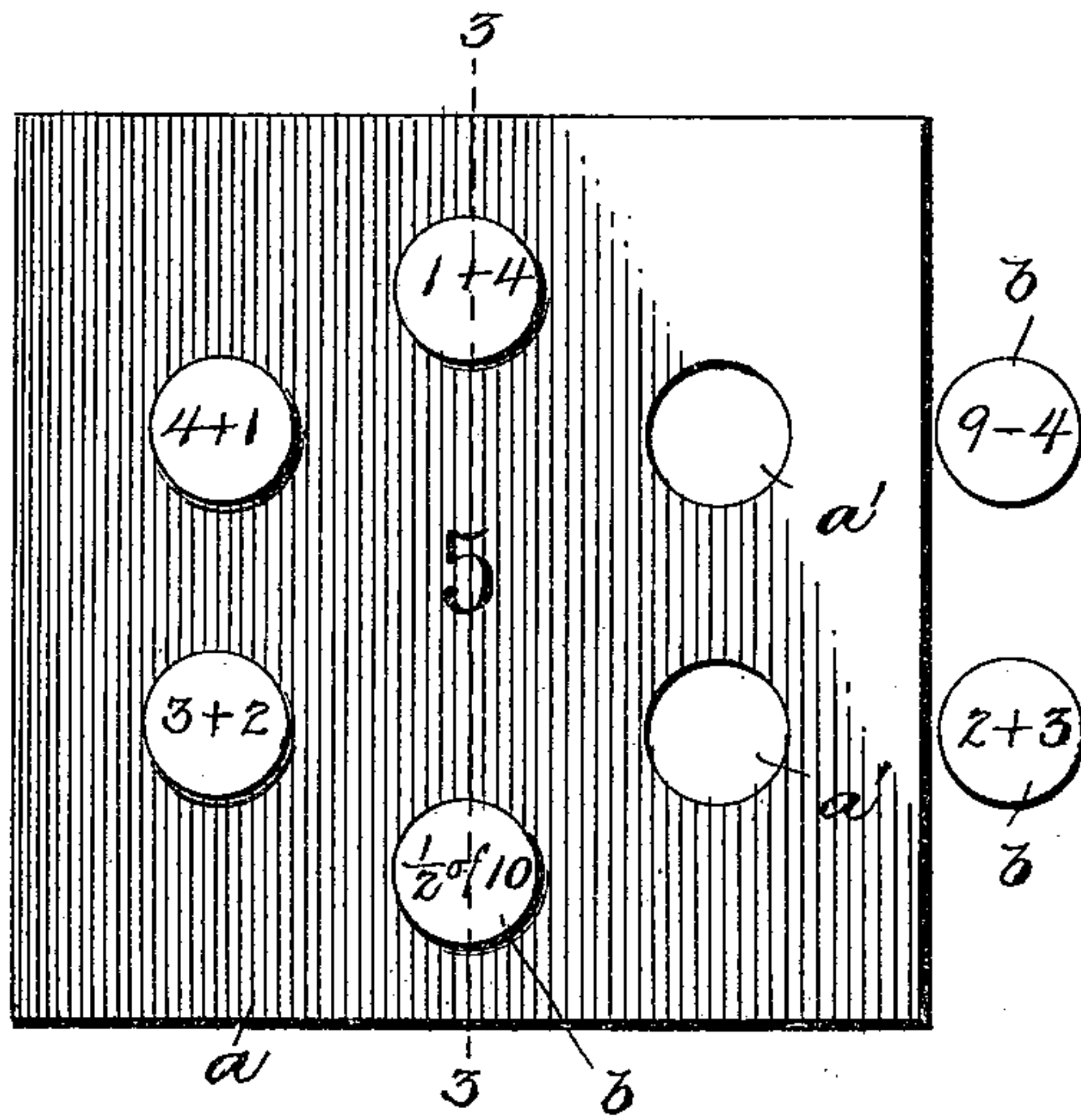


Fig. 3.

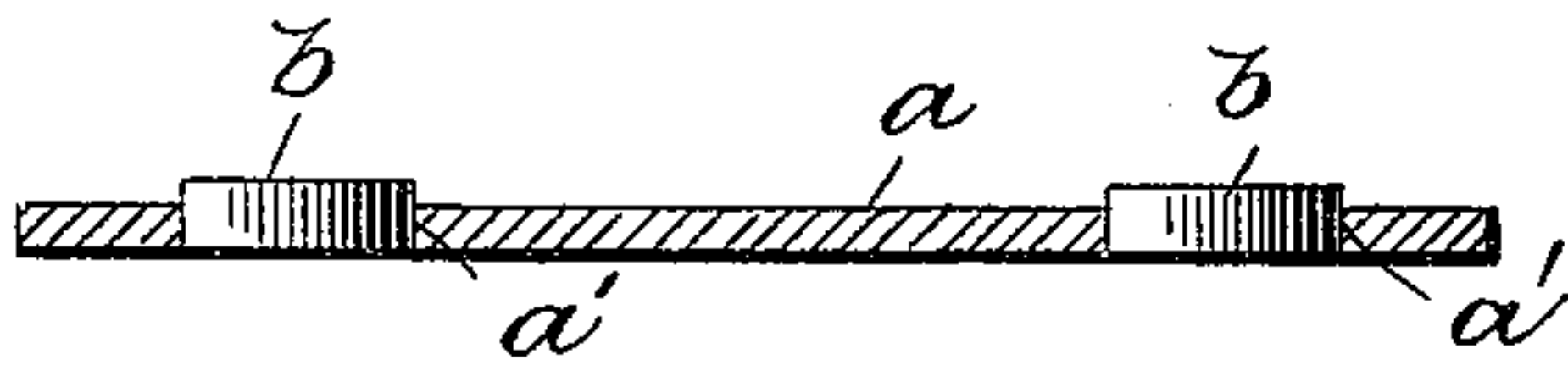
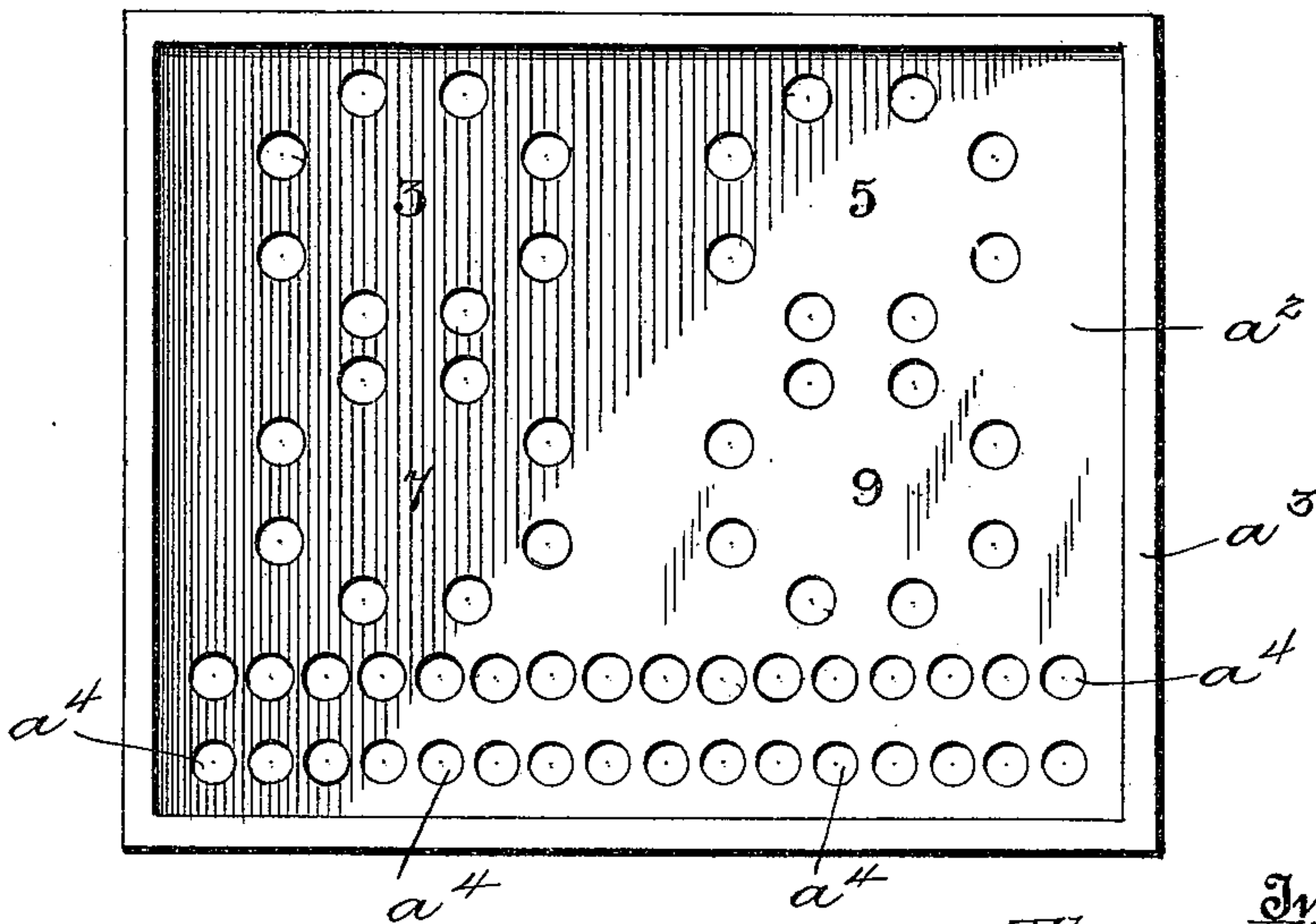


Fig. 4.



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## EDUCATIONAL APPLIANCE OR GAME.

SPECIFICATION forming part of Letters Patent No. 641,739, dated January 23, 1900.

Application filed June 22, 1899. Serial No. 721,415. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS E. THOMPSON, of Leominster, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Educational Appliances or Games, of which the following is a specification.

This invention, as hereinafter described, is embodied in a series of cards, each formed with a number of holes and each bearing a distinctive character or designation and a series of groups of disks or plugs adapted to fit interchangeably in the holes of said cards, each disk or plug of a group bearing a different expression or embodiment of the symbol of one of the cards. The disks belonging to the various cards being intermixed with each other, it is the object of the game to select and group the disks in their proper arrangement and fit them into the cards with which they mate.

The invention will be more fully understood from the succeeding description and claims, taken in connection with the accompanying drawings.

Figure 1 represents a plan view of a card constructed and marked in accordance with my invention. Fig. 2 represents a similar view of another card with two of its disks removed and shown at one side of the card. Fig. 3 represents a section on line 3 3, Fig. 2. Fig. 4 represents a plan view showing a card or board having a plurality of groups of holes.

The same reference characters indicate the same parts in all the figures.

Referring to the drawings, *a a* designate cards belonging to a series composing the game or apparatus, each card having a number of preferably round holes or apertures *a'* punched in it, in which a series of disks or plugs *b b* are adapted to be fitted. Each card *a* bears a distinctive symbol, character, or designation distinguishing it from the other cards. Thus the card shown in Fig. 1 has marked on it the letters "A T," while the card shown in Fig. 2 bears the numeral "5." The disks *b b* are marked in groups pertaining to the respective cards, but are interchangeable, so as to fit in holes in any of the cards. Thus the disks *b* belonging to the card marked "A T" will have the words "C A T," "B A T," "H A T," &c., marked on them, each of which

words contains the syllable or group of letters "A T." In like manner various other cards bearing different syllables or groups of letters and having disks bearing different words containing said syllable or group of letters may be provided. The card bearing the numeral "5" (shown in Fig. 2) will have its disks *b* marked with the characters "1+4," "3+2," " $\frac{1}{2}$  of 10," &c., all of which represent the result five. Other symbols or characters than those shown may be marked on the cards and corresponding expressions or embodiments thereof on the disks.

The game is started with the disks belonging to the several groups intermixed with each other, and the child or pupil is required to select the disks belonging to the various cards and fit them into the holes in their proper cards.

The cards *a* and disks *b* are preferably made of pasteboard, but may be made of wood or other material.

It is obvious that the series of cards herebefore referred to may be made as a single integral part or structure *a*<sup>2</sup>, as shown in Fig. 4, and when so made will preferably be made of wood or other comparatively rigid material and may have a raised border *a*<sup>3</sup> and a series of cavities or pockets *a*<sup>4</sup> to hold the plugs when not in use. The cards *a* may be considered as sections of a body *a*<sup>2</sup>, containing a series of groups of holes, each group being accompanied by a distinctive symbol, character, or designation. The plugs may be somewhat thicker than the card or body in which the holes are formed for convenience in removing the plugs. The holes may be cavities formed in the body instead of extending entirely through the same, or the body may be cut away at portions of the margins of the holes to afford access to the peripheries of the plugs.

I claim—

1. An apparatus of the character specified, comprising a series of cards each formed with a number of holes and each bearing a distinctive symbol, character, or designation; and a series of groups of disks or plugs adapted to fit interchangeably in the holes of said cards, each disk or plug of a group bearing a different expression or embodiment of the symbol of one of the cards.

2. An apparatus of the character specified comprising a suitable body made either in sections or as one part, and provided with a series of groups of holes, each group being  
5 accompanied by a distinctive symbol, character, or designation and a series of groups of plugs adapted to fit interchangeably in the said holes, each plug of a group bearing a dif-

ferent expression or embodiment of the symbol accompanying one of the groups of holes. 10

In testimony whereof I have affixed my signature in presence of two witnesses.

THOMAS E. THOMPSON.

Witnesses:

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