

(No Model.)

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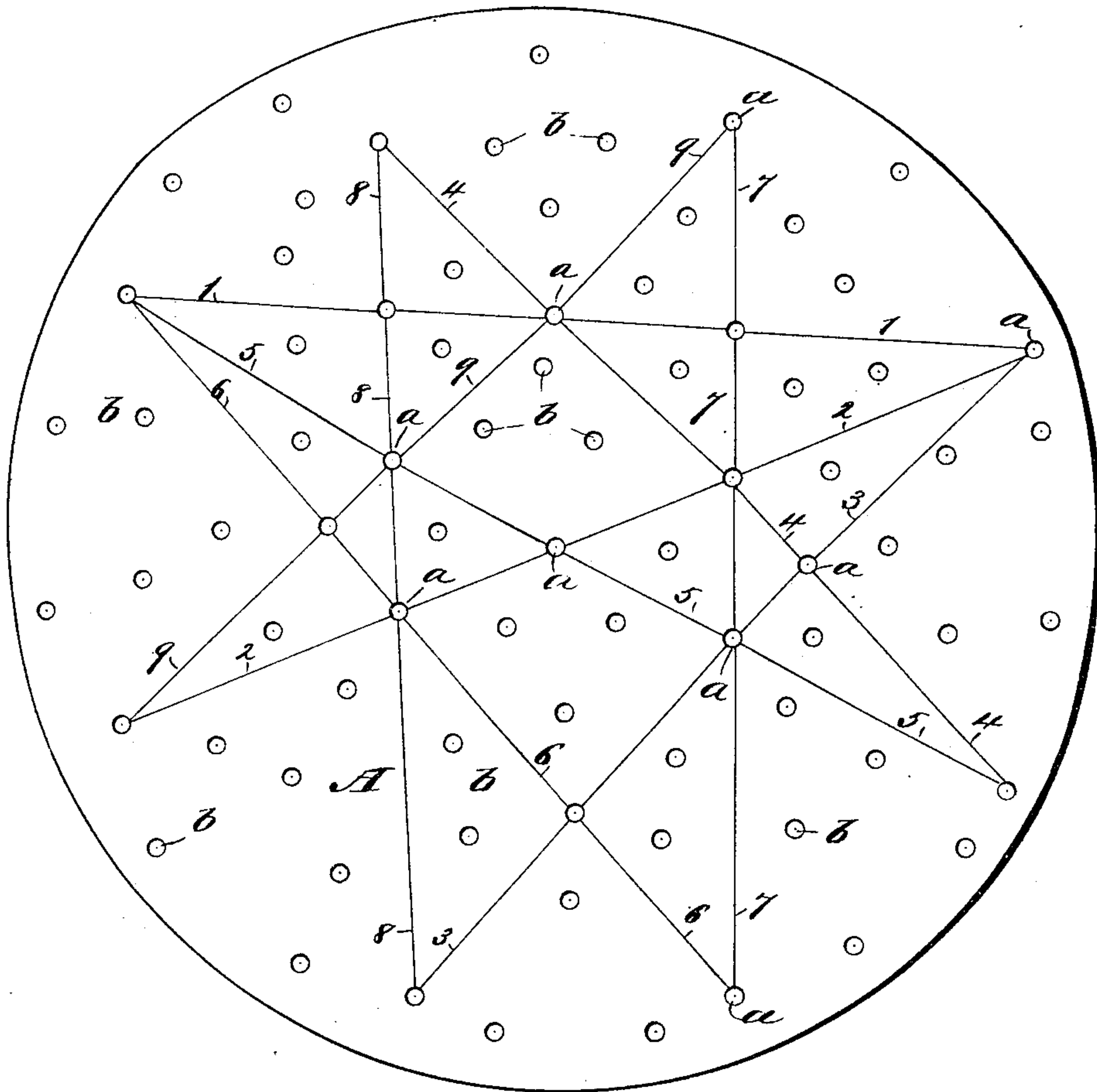
L. E. SIMPSON.

PUZZLE.

No. 388,226.

Patented Aug. 21, 1888.

*Fig. 1.*



WITNESSES:

*Francis M. Andle.*  
*C. Badgwick.*

INVENTOR:

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BY *Munn & Co.*  
ATTORNEYS.

(No Model.)

2 Sheets—Sheet 2.

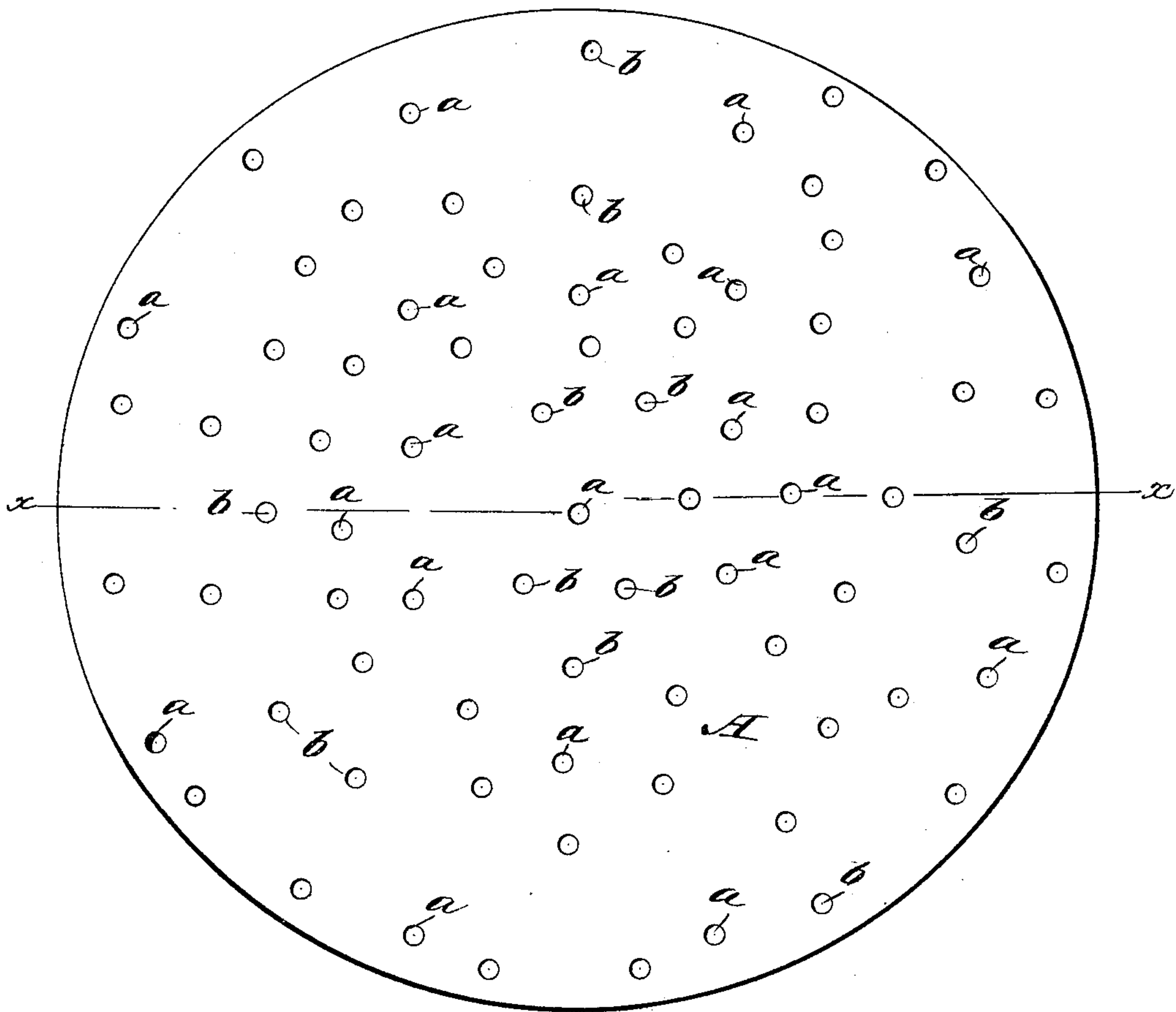
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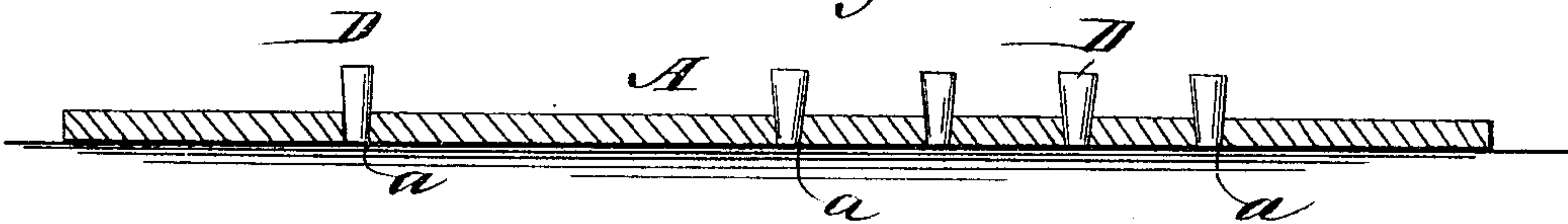
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*Fig. 2.*



*Fig. 3.*



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# UNITED STATES PATENT OFFICE.

LIZZIE E. SIMPSON, OF NEW YORK, N. Y.

## PUZZLE.

SPECIFICATION forming part of Letters Patent No. 388,226, dated August 21, 1888.

Application filed November 12, 1887. Serial No. 254,948. (No model.)

*To all whom it may concern:*

Be it known that I, LIZZIE E. SIMPSON, of the city, county, and State of New York, have invented a new and Improved Puzzle, of which  
5 the following is a full, clear, and exact description.

My invention relates to a puzzle, and has for its object to provide an inexpensive device wherein the points adapted to be made will be  
10 difficult to carry out, and wherein an interesting study and pastime will be afforded therefrom to children and adults.

The invention consists in the construction and combination of the several parts, as will  
15 be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of the specification, in which similar letters of reference indicate  
20 corresponding parts in all the figures.

Figure 1 illustrates one method of producing the puzzle. Fig. 2 is a plan view of the same when completed for use, and Fig. 3 is a section on line *x x* of Fig. 2.

25 In carrying out the invention a board, A, is provided, constructed of wood, pasteboard, metal, or equivalent material, and of any suitable or desired size or shape, preferably round.

In the board a series of pin-holes, *a*, are arranged in series of five in such manner as to  
30 produce nine intersecting straight or substantially straight lines. To properly position the said pin-holes, a guide is necessary, which guide is obtained by first drawing upon the board  
35 nine lines (numbered in Fig. 1 from 1 to 9) in such manner as that the said lines will intersect in the most puzzling manner. One arrangement is illustrated in the accompanying drawings, which resembles in outline an eight-  
40 pointed star. I do not, however, confine myself to this particular combination of the lines, as other combinations may be effected, that shown being preferred. The lines having been properly drawn, five pin-apertures *a* are produced in each line at suitable distances apart,  
45 the said aperture being located at the intersections of the various lines. A number of baffle-apertures, *b*, are now made in the board, which baffle-apertures are arranged promiscu-

ously around the board and between the pin-  
50 apertures, the purpose of the apertures *b* being to hide the alignment of the pin-apertures, and thereby baffle the operator in an attempt to trace them. The guide-lines having been  
55 erased from the surface of the board, it is ready for use, as illustrated in Fig. 2, and it is then impossible without close attention and study to discern a single alignment of five apertures extending across the board.

In further carrying out the invention nineteen  
60 pegs, D, are employed, which pegs are preferably made conical and numbered upon their heads from 1 to 19.

In working out the puzzle it is intended that the pegs or pins be placed in the apertures *a*  
65 in such order that nine lines of pegs, each line consisting of five, will extend across the board without a baffle-aperture intervening any two pins or pegs upon any of the nine  
70 lines.

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

1. A puzzle consisting of a board provided with a series of pin-apertures arranged in intersecting lines and baffle-apertures promiscuously arranged upon the board contiguous  
75 to said lines of pin-apertures, substantially as shown and described.

2. A puzzle consisting of a board provided  
80 with series of five pin-apertures arranged in nine intersecting lines and baffle-apertures promiscuously arranged upon the board contiguous to said lines of pin-apertures, substantially as shown and described.  
85

3. In a puzzle, the combination, with a board provided with series of five pin-apertures arranged in nine intersecting lines and baffle-apertures promiscuously arranged upon the board contiguous to said lines of pin-apertures,  
90 of a series of nineteen pegs adapted for insertion in the pin-apertures, substantially in the manner and for the purpose herein set forth.

LIZZIE E. SIMPSON.

Witnesses:

J. T. ACKER, Jr.,  
C. SEDGWICK.