(No Model.)

L. S. MARKEL.

PUZZLE.

No. 589,132. Patented Aug. 31, 1897.

FIG. 1.

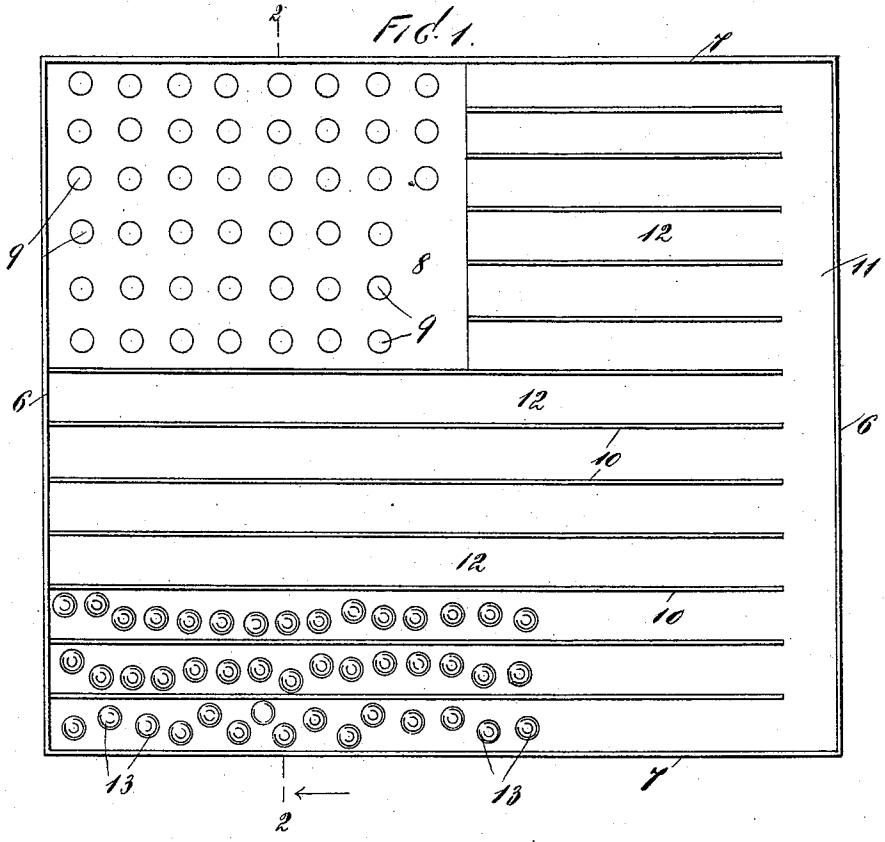
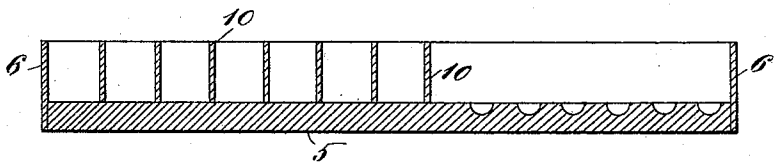


FIG. 2.



WITNESSES

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LIZZIE S. MARKEL, OF COLUMBUS, OHIO.

PUZZLE.

SPECIFICATION forming part of Letters Patent No. 589,132, dated August 31, 1897.

Application filed July 8, 1896. Serial No. 598,470. (No model.)

To all whom it may concern:

Be it known that I, LIZZIE S. MARKEL, a citizen of the United States, and a resident of Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Puzzles, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar numerals of reference indicate corresponding parts.

This invention relates to puzzles, and the object thereof is to provide an improved device of this class which is simple in construction and which I call "The American Flag Puzzle," a further object being to provide a puzzle which, while being simple in construction, is difficult of solution, but the solution of which may be accomplished by the exercise of care, skill, and ingenuity in the manipulation thereof.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a plan view of my improved puzzle, and Fig. 2 a section thereof on the line 2 2.

In the practice of my invention I provide a box or casing which consists of a plate or board 5, having vertical end pieces 6 and vertical sides 7, and arranged in one corner of the box or casing thus formed is a rectangular space 8, in which is formed a plurality of circular cavities or chambers 9, which are preferably forty-five in number and which are also arranged in longitudinal and transverse rows, and arranged longitudinally of the box or casing are a plurality of vertical partition-plates 10, which are preferably twelve in number, seven of which begin at the left-hand end of the box or casing and extend almost the entire length thereof, terminating at a short distance from the right-hand end of the box or casing, so as to form a transverse space or chamber 11, and the remaining five begin at the inner end of the rectangular space 8 and extend to the space 11, and between said vertical partition-plates 10 are longitudinal spaces or chambers 12, which are thirteen in number, and the general design of the box or casing is, as will be seen, that of the American flag. I also provide a plurality of balls or spherical bodies 13, which correspond in number with the circular cavities or chambers 9 in the rectangular space 8, and said circular cavities or chambers are designed to represent the stars in the flag, and in practice each of the said cavities or chambers 9 is distinctively designated by a number, letter, or otherwise, and the balls or bodies 13 are similarly designated, and the solution of the puzzle consists in manipulating the device so as to lodge one of the balls or bodies in each of said cavities or chambers, the object in this solution being also to preferably lodge each ball or body in the cavity or chamber which is similarly designated or which bears a letter, number, or other character similar to that on the ball or spherical body lodged therein.

My improved puzzle is designed to entertain and amuse the young, as well as those of mature years, and is well adapted to accomplish the object for which it is intended, and my invention is not limited to the material employed nor to the size of the box or casing, and I reserve the right to make all such alterations in and modifications of the construction herein described as fairly come within the scope of the invention.

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

As a new article of manufacture a puzzle consisting of a plate or board, vertical end plates and vertical side plates engaging the same secured to said board, a plurality of circular cavities or chambers in said board and near the corner thereof surrounded by the said vertical wall and arranged in longitudinally-extending and transversely-extending rows, a plurality of partition-plates arranged longitudinally across the said box, a part of which begins at the lower left-hand corner of the said casing and extending to nearly the other end thereof forming thereby a transverse space or chamber and the remaining said partition-plates beginning at the inner end of said rectangular space and extending to the said space or chamber thus forming in general appearance by the said transversely-extending plates and cavities a figure representing the American flag and a plurality of balls or spherical bodies corresponding in number to the said cavities or

chambers and bearing numbers corresponding to other numbers placed adjacent to said cavity and adapted to enter the same all of the said parts being combined substantially as and for the purpose set forth and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 8th day of June, 1896.

LIZZIE S. MARKEL.

Witnesses:
AMALIA BRUN,
BYRON STILWELL.