

(No Model.)

G. F. ABBOTT.  
PUZZLE.

No. 563,003.

Patented June 30, 1896.

Fig. 2.

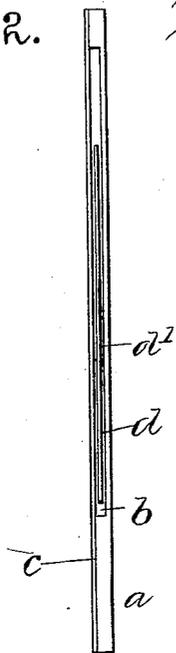


Fig. 1.

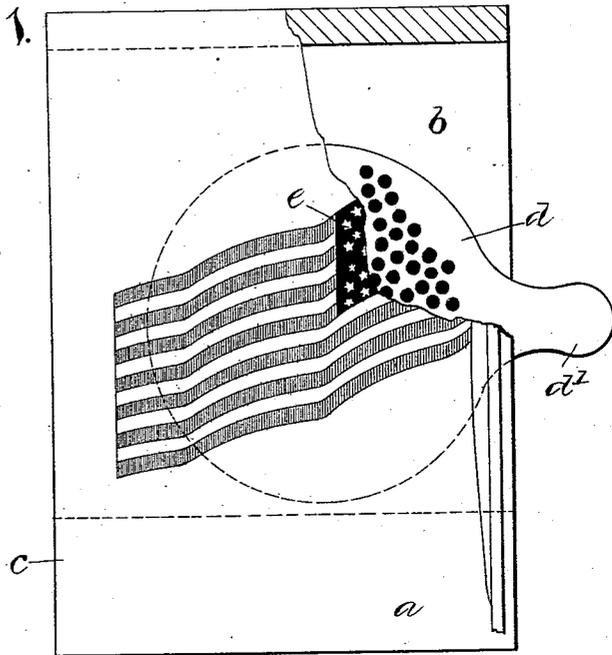
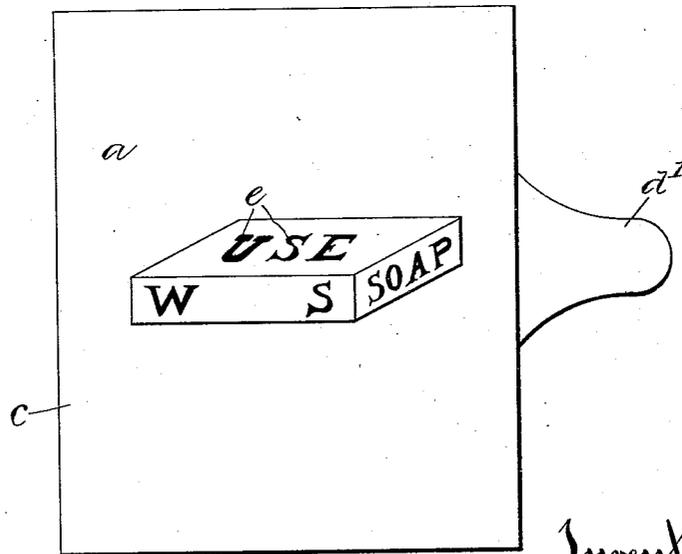


Fig. 3.



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# UNITED STATES PATENT OFFICE.

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## PUZZLE.

SPECIFICATION forming part of Letters Patent No. 563,003, dated June 30, 1896.

Application filed April 30, 1896. Serial No. 589,648. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE F. ABBOTT, a citizen of the United States, and a resident of New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Puzzles, of which the following is a full, clear, and exact description, whereby any one skilled in the art can make and use the same.

The object of my invention is to provide a simple and attractive puzzle, the solving of which shall involve the location of a movable part with particular reference to an overlying face-plate; and to this end my invention consists in the combination of a face-plate having openings therethrough and a slide arranged in a pocket on the back of the plate and having a plural number of spots or characters needed to complete the design appearing on the face, and in the details of such parts as more particularly hereinafter described, and pointed out in the claims.

Referring to the drawings, Figure 1 is a view of one form of my puzzle based on the pictorial representation of the American flag, and with part of the case broken away to illustrate the construction. Fig. 2 is a detail edge view of the case. Fig. 3 is a view of the puzzle applied to an advertising device.

In the accompanying drawings the letter *a* denotes a case in which is located a pocket *b*. This pocket is preferably formed by means of a recess cut in the back part of the case, with a face-plate *c* covering the recess. A slide *d* is located in the pocket and is provided with a handle *d'*, or like part, by means of which the slide is moved.

On the face-plate *c* is illustrated a design or picture of any desired form, and openings *e* are made through the face-plate *c* into the pocket *b*. On the slide *d* are arranged a plural number of spots or characters needed to finish the design, which is incomplete by reason of the openings made therethrough. The slide is free to move in all directions transversely of the openings through the face-plate,

and the characters on the slide needed to complete the design may consist of any number of spots desired, and a number of the spots may be so arranged as to nearly complete the design, one arrangement only being made to register with the openings through the face-plate in order to increase the difficulty of solving the puzzle.

The slide *d* may be removably located in the pocket in the case, and a plural number of designs located on the face-plate, in which case the characters may be arranged on both sides of the slide.

The design may be of any desired color, as may also the characters on the slide, but in order to increase the difficulty of solution of the puzzle each of the characters on the slide should be made of the same color as the color around the opening with which the characters respectively register.

I claim as my invention—

1. In a puzzle in combination with a face-plate having perforations, a slide arranged in a pocket on the back of the face-plate and free to move in all directions transversely of the openings through the face-plate, the slide bearing a series of marks registering with the openings in the face-plate when the slide is in one position with reference to the openings, all substantially as described.

2. In a puzzle, in combination with a face-plate having perforations, a pocket arranged in the back of the face-plate, and a removable and reversible slide arranged in the pocket, free to move in all directions transversely of the openings through the face-plate, said slide bearing a series of marks registering with the openings in the face-plate when the slide is in a certain position with reference to said openings, all substantially as described.

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