

A. B. WOOD.
Match-Box.

No. 217,664.

Patented July 15, 1879.

Fig: 1.

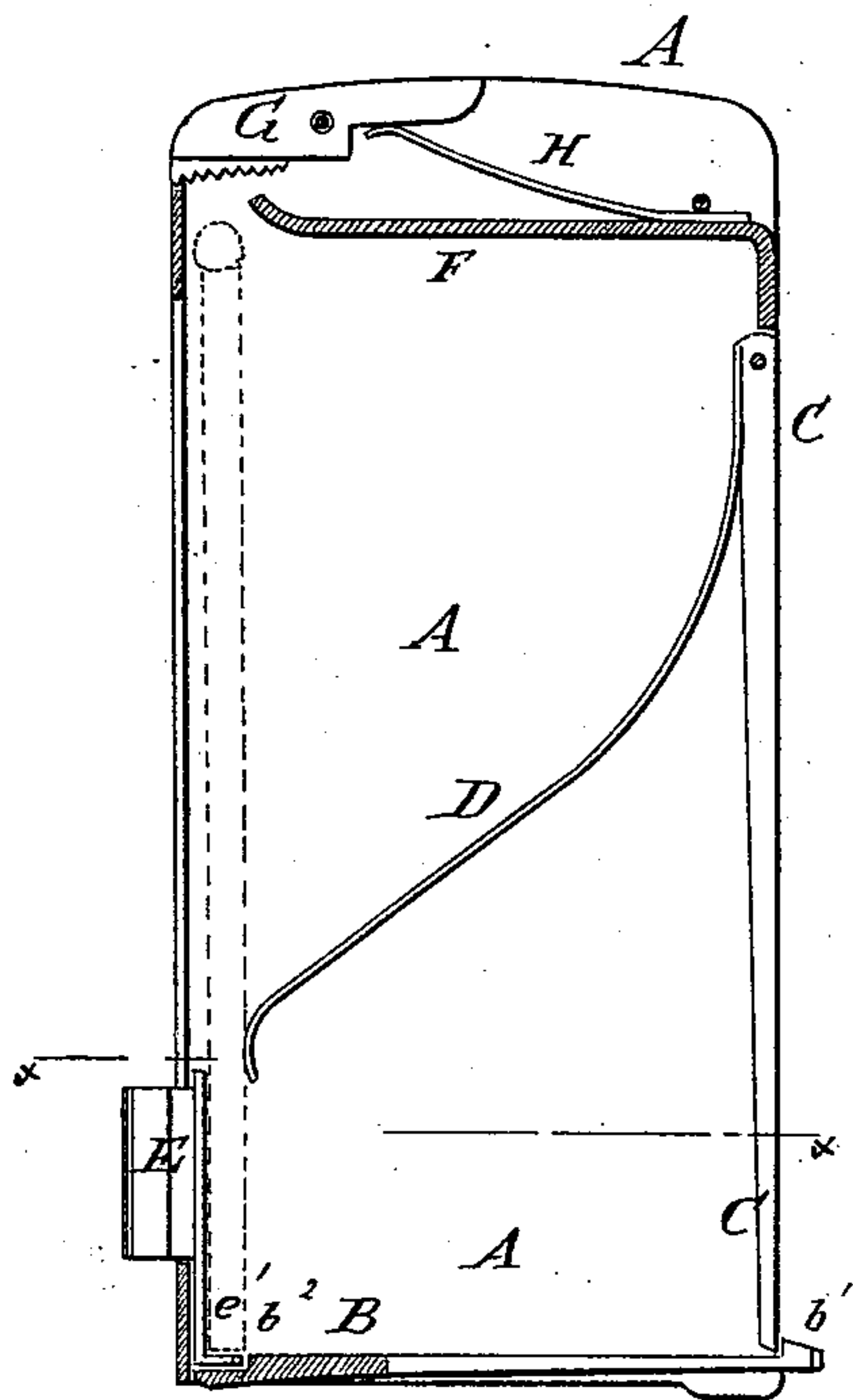


Fig: 2.

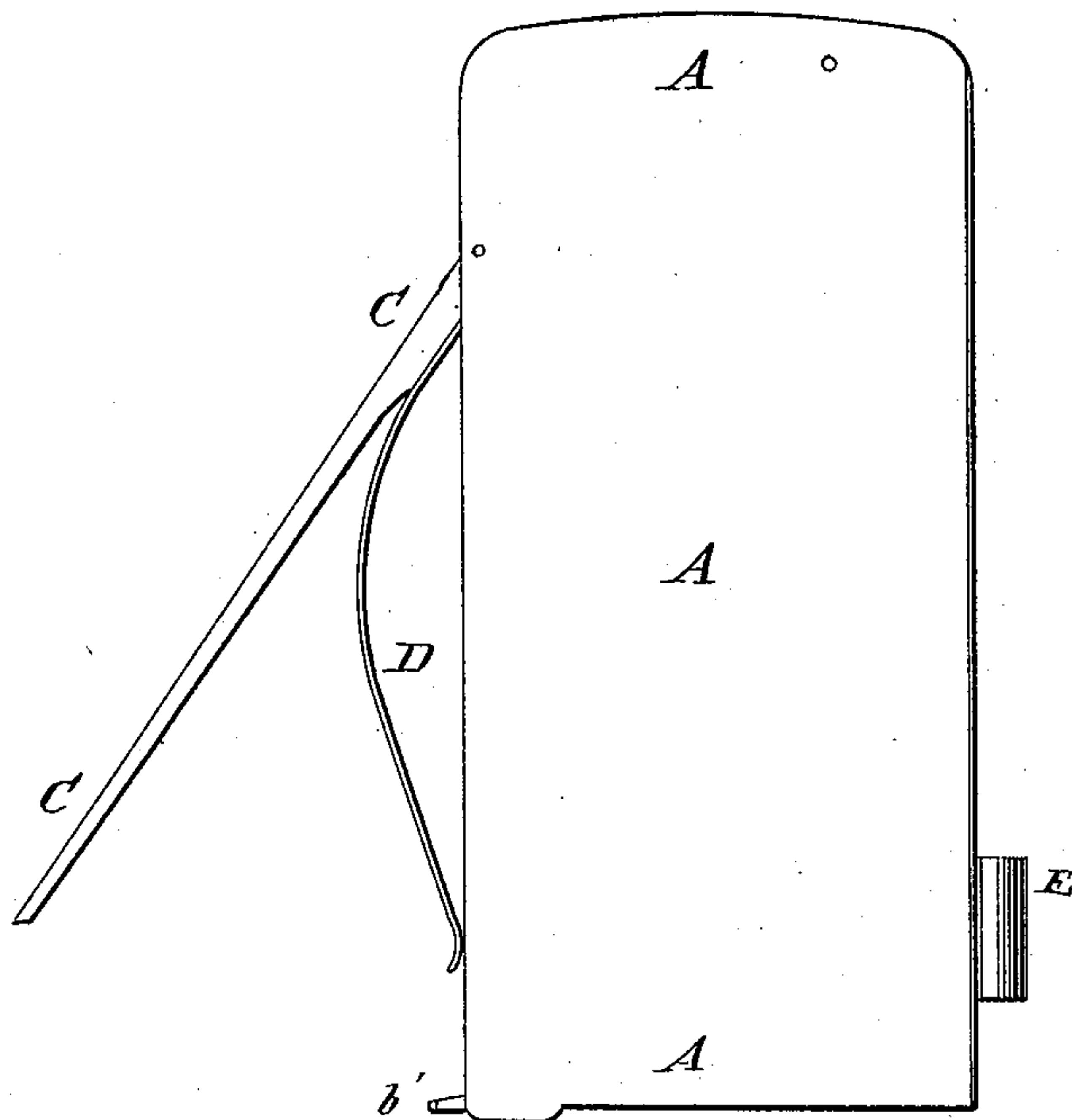
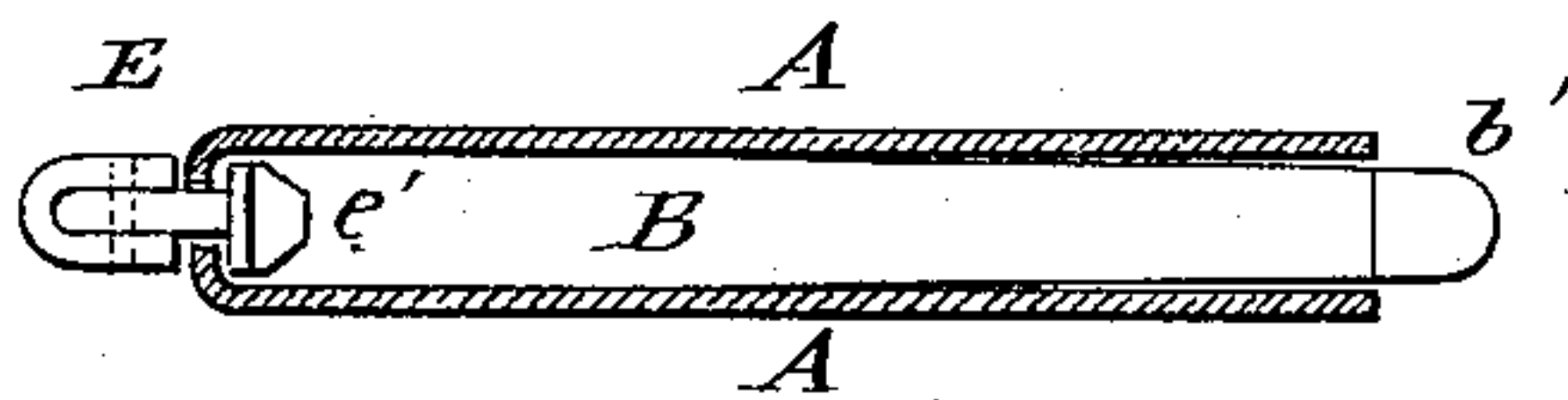


Fig: 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

AUGUSTUS B. WOOD, OF FOUNTAIN HILL, ARKANSAS.

IMPROVEMENT IN MATCH-BOXES.

Specification forming part of Letters Patent No. **217,664**, dated July 15, 1879; application filed March 12, 1879.

To all whom it may concern:

Be it known that I, AUGUSTUS B. WOOD, of Fountain Hill, in the county of Ashley and State of Arkansas, have invented a new and useful Improvement in Pocket Match-Boxes, of which the following is a specification.

Figure 1 is a detail longitudinal section of my improved match-box. Fig. 2 is a side view of the same. Fig. 3 is a cross-section of the same, taken through the line *x x*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved box or case for carrying matches in the pocket, which shall be so constructed that the matches may be forced out one at a time, as required, and at the same time ignited.

The invention consists in a match-box formed by the combination of the two plates having their forward side edges bent inward, the spring catch-bar, the hinged bar and its spring, the slide and its foot or hook, the end bar having its forward end bent outward, and the pivoted friction-block and its spring with each other, as hereinafter fully described.

A represents the side plates of the box, which are placed at such a distance apart that only a single row of matches can be placed between them.

To and between the plates A, at one end, is secured the end bar B, one end of which is made elastic, and has a shoulder or catch, *b*¹, formed upon or attached to it, to receive and hold the end of the bar C that is placed between the side edges of the plates A, and is pivoted at its other end to the said side edges. The bar C thus serves as a door to allow the matches to be inserted in the box.

To the inner side of the bar C, near its hinged edge, is attached the end of a spring, D, to hold the matches pressed against the other edge of the box. The other side edges of the plates A are bent inward or toward each other, space being left between the flanges thus formed to receive the neck of the slide E except for a small space at the ends, where the said flanges meet, to limit the movement of the said slide E. The outer part of the slide E is so formed as to serve as a handle, or has a handle attached to it.

To the inner side of the slide E is attached, or upon it is formed, a hook or foot, *e'*, which,

when the said slide E is fully pushed down, enters a recess, *b*², in the inner side of the end bar B, as shown in Fig. 1, so that the lower end of the forward match can rest upon it, where it is held by the pressure of the spring D against the rear match.

To and between the plates A, at a little distance from their upper ends, is secured the end bar F, the rear end of which is bent downward to meet the hinged end of the bar C. The forward end of the end bar F does not reach quite to the flanged edges of the plates A, sufficient space being left for the passage of a match, and the said forward end is curved upward to guide the end of the match into the space between it and the said flanged edges.

To and between the upper forward parts of the ends of the plates A, and in such a position that its forward end may be directly over the space between the end of the bar F and the flanged edges of the plates A, is pivoted a block, G, the forward end of which is held down by a spring, H, the rear end of which is secured to the rear part of the end bar F, and its forward end is placed beneath the rear end of the pivoted block G. The lower surface of the forward end of the pivoted block G is furrowed or grooved, and a saw inserted therein, or lower part made to a feather-edge and toothed, so that it will ignite the match as it is pushed out by the upward movement of the slide E. As the slide E is again pushed down, another match will be pushed forward by the spring D, ready to be pushed out and ignited in its turn.

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

A match-box formed by the combination of the plates A, having their forward side edges bent inward, the spring catch-bar B *b*¹, the hinged bar C and its spring D, the slide E and its foot or hook *e'*, the end bar F, having its forward end bent outward, and the pivoted friction-block G and its spring H, with each other, substantially as herein shown and described.

AUGUSTUS BALDWIN WOOD.

Witnesses:

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