

G. R. TAYLOR.
Match-Safe.

No. 200,778.

Patented Feb. 26, 1878.

Fig. 1.

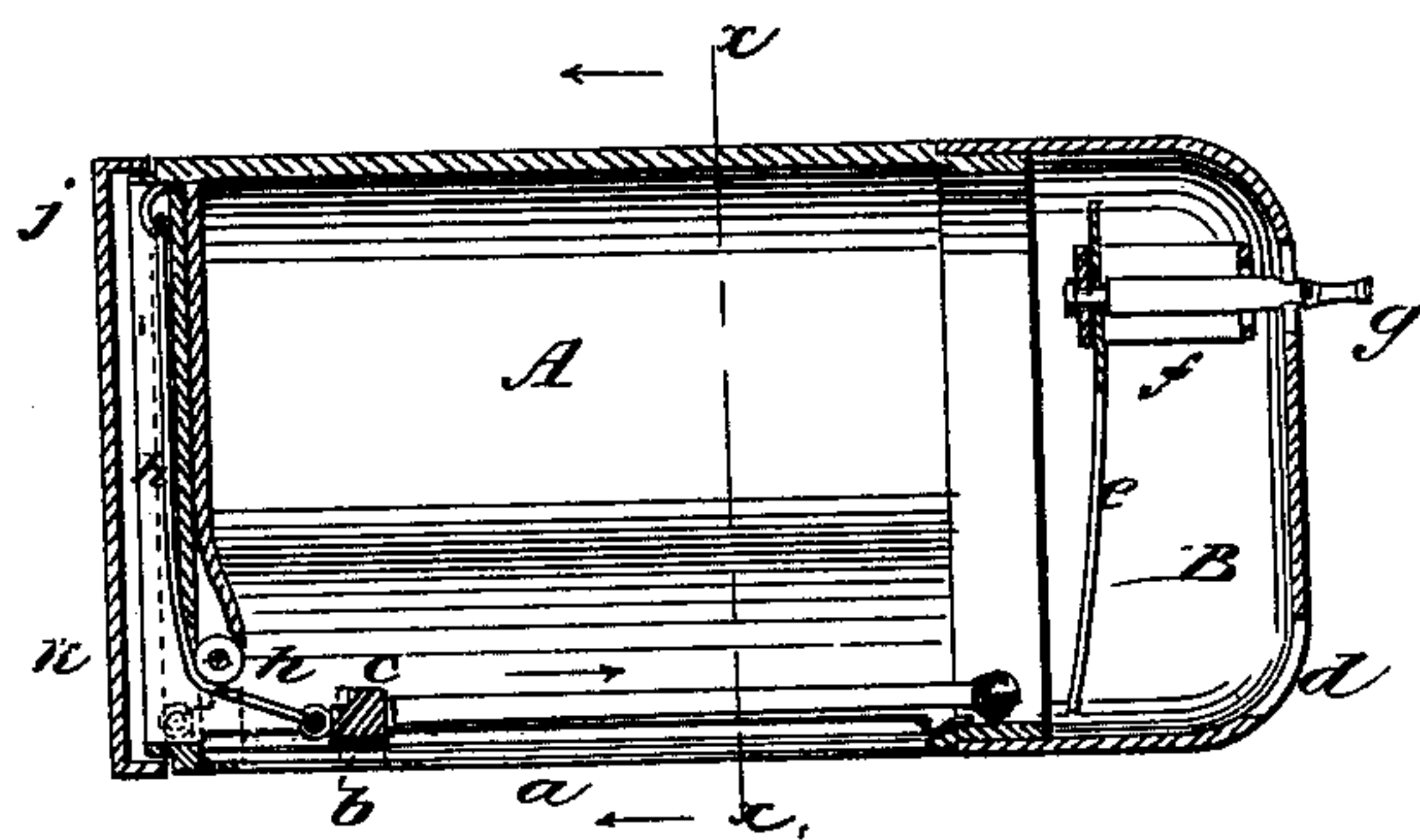


Fig. 2.

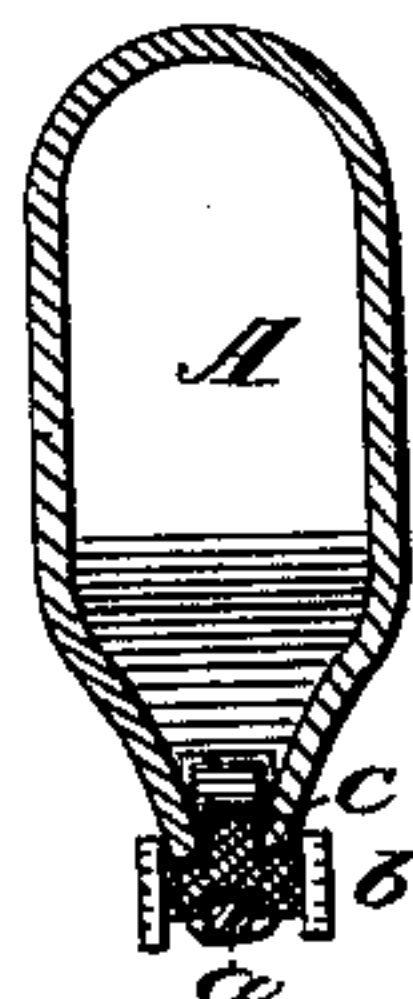


Fig. 3.

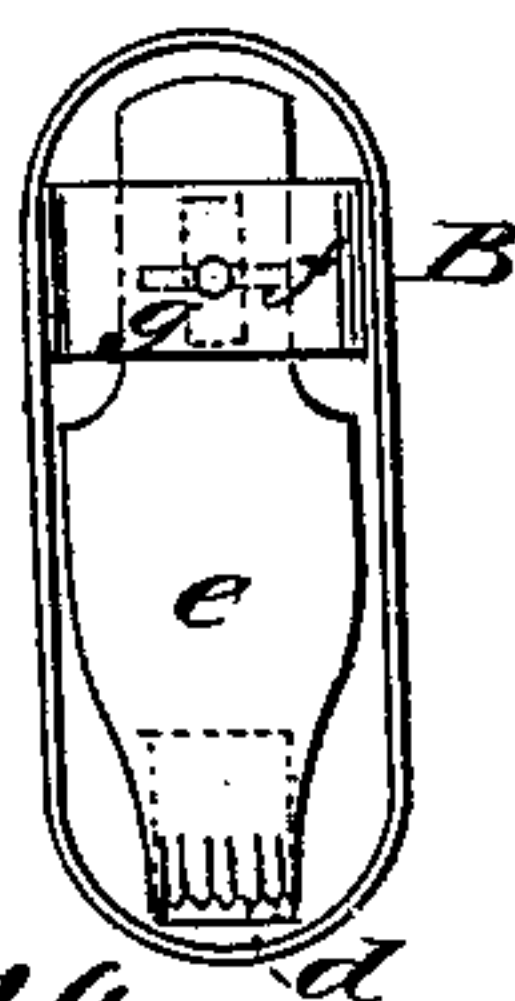
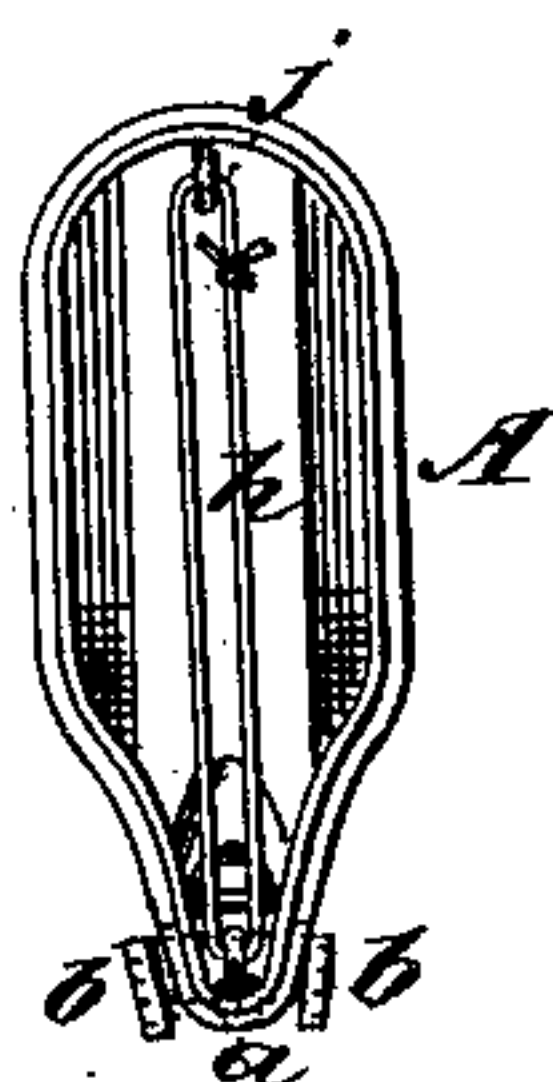


Fig. 4.



WITNESSES:

Francis Mc Ardle.
C. Sedgwick

INVENTOR:

G. R. Taylor
BY *[Signature]*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE R. TAYLOR, OF CRANSTON, RHODE ISLAND.

IMPROVEMENT IN MATCH-SAFES.

Specification forming part of Letters Patent No. **200,778**, dated February 26, 1878; application filed January 23, 1878.

To all whom it may concern:

Be it known that I, GEORGE R. TAYLOR, of Cranston, county of Providence, State of Rhode Island, have invented a new and Improved Match-Safe, of which the following is a specification:

Figure 1 is a longitudinal section of my improved match-safe. Fig. 2 is a transverse section taken on line *xx* in Fig. 1. Fig. 3 is an inside view of the cap. Fig. 4 is a bottom view.

Similar letters of reference indicate corresponding parts.

My invention relates to the class of match-safes that light the match as it is forced out of the safe.

The invention will first be described in connection with the drawing, and then pointed out in the claims.

Referring to the drawing, A is a box, which is reduced in width at one side, so that it will contain but a single match. A portion of the narrow side of the box is cut away, and to it a bar, *d*, is secured, between which and the edges of the cut-away portion of the box a follower, *b*, is placed. This follower is provided with serrated sides, which are grasped by the fingers, and with a projection, *c*, that enters the slot formed by cutting away the narrow side of the box, and is of sufficient size to receive the end of a match on its face, which is serrated to prevent the match from slipping. The box A is provided with a cover, B, in the top of which there is an aperture, *d*, directly opposite the follower *b*. When the follower is up the elastic cord prevents the matches from getting into the slots in the side of the case. An igniting-spring, *e*, is supported by a rectangular frame, *f*, in the cover B, the said frame being fastened in the cover by the key or button *g*, which projects through a slot in the top of the cover, and is turned across the slot or at right angles.

The end of the igniting-spring is serrated,

so that when a match is pushed upward its igniting end is engaged by the serrated end of the spring *e* and is lighted. The match is then removed from the safe, and used in any desired way; or it may be retained in box by the spring *e*. To facilitate the return of the follower to the bottom of the box, a piece, *h*, of rubber cord is attached to it, and runs through an aperture in the bottom of the box, and over a sheave, *i*, and is secured to an eye, *j*, that projects from the bottom of the box. A cover, *k*, is fitted over the bottom of the box to protect the rubber cord. The rubber cord may at any time be replaced by removing the cover *k*.

The match-safe is held in the hand, and the cover is held in place by one of the fingers. The follower *b* is then raised by the thumb and finger of the other hand, forcing a match upward between the serrated end of the spring and the side of the cover. As the igniting end of the match passes the spring it is lighted, and the match may be removed from the safe. The follower returns to the end of the safe, and is in position to receive another match.

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

1. The box A, reduced in width at one side, cut away, and edge turned, in combination with bar *a*, follower *b*, having projection *c*, and cover B, having aperture *d*, as shown and described.

2. An igniting-spring supported by a frame, *f*, fastened in the cover by a button, *g*, projecting therethrough, as and for the purpose set forth.

3. The combination of the rubber spring *h* with the follower *b*, substantially as and for the purpose herein shown and described.

GEORGE RALPH TAYLOR.

Witnesses:

GEORGE TAYLOR,
ELIZA TAYLOR.