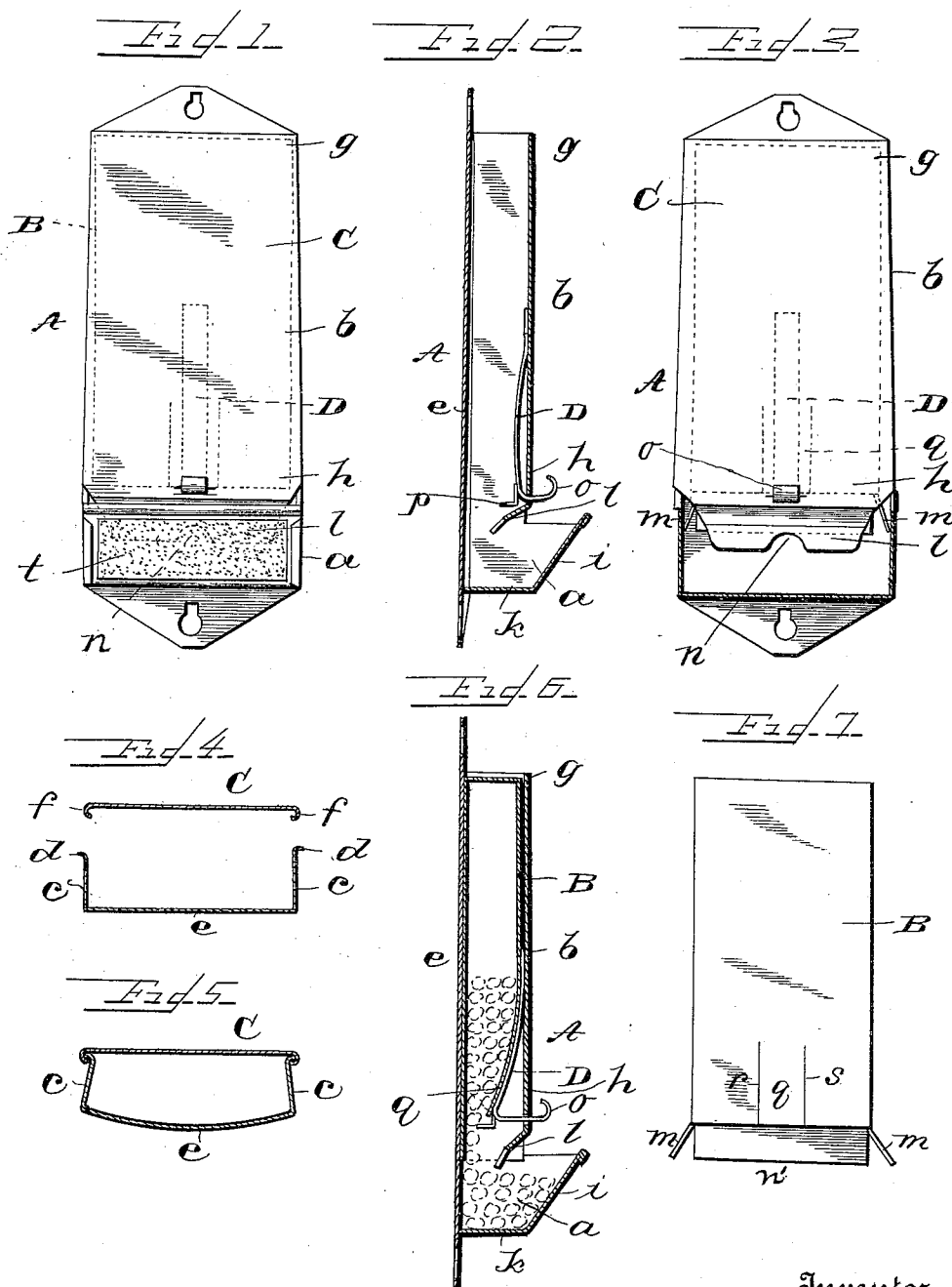


(No Model.)

J. GREEN.
MATCH SAFE.

No. 544,093.

Patented Aug. 6, 1895.



Witnesses
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MATCH-SAFE.

SPECIFICATION forming part of Letters Patent No. 544,093, dated August 6, 1895.

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To all whom it may concern:

Be it known that I, JOHN GREEN, a citizen of the United States, residing at Renovo, in the county of Clinton and State of Pennsylvania, have invented certain new and useful Improvements in Match-Safes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My present invention relates to match-safes, and has for its object certain improvements in construction, which will be fully disclosed in the following specification and claims.

In the accompanying drawings, which form part of this specification, Figure 1 represents a front elevation of my improved match-safe; Fig. 2, a vertical longitudinal section; Fig. 3, a front elevation with the front of the match-pocket removed; Fig. 4, a transverse section of the body of the safe with the cover detached; Fig. 5, a like view with the cover applied; Fig. 6, a vertical longitudinal section of the match-safe and a box of matches in the safe, and Fig. 7 a front elevation of a match-box.

Reference being had to the drawings and the letters thereon, A indicates the match-safe, which consists of an elongated rectangular body having an extension *a* at its lower end to form a pocket to receive and contain matches as they are fed into it from a pasteboard box B, which is placed within the safe. The elongated body *b* of the safe is provided with sides *c c*, having at their upper edges outwardly-extending flanges *d d*, the normal position of which sides is at a right angle to the back *e* of the safe, as shown in Fig. 4 of the drawings, and with a sliding cover C, which is provided with inwardly-turned flanges *f f* on its edges, which engage and slide upon the flanges *d d* of the sides *c c*, and the cover is slightly narrower than the body *b* to draw the sides of the body inward and spring the back outward, as shown in Fig. 5. The sides *c c* of the body *b* are parallel with each other, and the cover C is slightly narrower at its upper and outer end *g* than at its lower and inner end *h*, for the reason that the outer ends of the sides being free they yield more readily to the contraction of the

cover than can the inner ends, on account of their being held rigidly by the front *i* and bottom *k* of the extension or pocket *a*, and this taper in the cover also causes it to fit tight upon the body of the safe. The transverse curve in the back *e* of the safe is also produced in the bottom of the match-box B, which tends to loosen the matches and cause them to gravitate toward the lower end of the box, and the box is clamped at its edges by the cover of the safe.

At the inner end of the cover C is an inwardly-projecting flange *l* of less width than the match-safe, which serves to support the matches in the box B and direct them back toward the bottom of the match-box and cause the matches to pass under the match-feeder D, and also to spread the loose lap *m m* of the sides of the match-box and prevent the match-box being pushed too far down in the safe and prevent a proper discharge of matches from the box B into the pocket *a*. The flange *l* is provided with a port *n* to admit of the matches being touched by the finger of the person using the safe to loosen the matches should they from any cause stick in the passage under the flange.

The feeder D, which is preferably attached to the inner side of the cover, is resilient, curved inwardly, and provided with an outwardly-projecting arm *o*, which extends through the cover C and by which the feeder is operated, and with an inwardly-projecting finger *p*, which engages the matches, as shown in Fig. 6.

The pasteboard match-box B is provided with a tongue *q* formed in the one side of the box and at one end thereof by cutting two incisions *r s* in the box, and the feeder D engages and pushes the tongue *q* inward to assist in supporting the matches in the pasteboard box before they pass the finger *p* of the feeder and to loosen the matches as the feeder is struck by the finger, which causes the feeder and the tongue to vibrate.

To prepare the pasteboard box B, one end *n'* of the box may be bent down flat and the laps *m m* of the sides of the box bent outward, as shown in Fig. 7, when the box is pushed under the outer end of the cover C with the open end of the match-box inward and the

box pushed in the safe until the open end of the match-box reaches the inner end of the cover, with the sides *m m* and end *n'* of the box extending beyond the flange *l* of the cover

5 C. The end of the box may, however, be entirely removed before the box is inserted in the safe.

The front *i* of the extension *a* may be provided with sandpaper *t* (shown in Fig. 1) upon
10 which to rub the matches to ignite them.

Having thus fully described my invention, what I claim is—

1. A match-safe having an elongated body provided with sides having flanges on their
15 upper edges and an extension at the lower end of the body forming a pocket, and a sliding cover having flanges on its edges to engage the flanges on the sides of the safe and an inwardly projecting flange on the lower
20 end of the cover of less width than the match-safe.

2. A match-safe having an elongated body provided with resilient sides having flanges on their upper edges, and an extension at the
25 lower end of the body forming a pocket, and a sliding cover having flanges on the sides of the safe and constructed to draw the sides inward and curve the back of the safe outward

and an inwardly projecting flange on the lower end of the cover. 30

3. A match-safe having an elongated body and an extension at the lower end of the body forming a pocket, and a sliding cover having an inwardly projecting flange at its lower end of less width than the match-safe and pro- 35
vided with a match feeder.

4. A match-safe having an elongated body and an extension at the lower end of the body forming a pocket, and a sliding cover having an inwardly projecting flange at its lower end 40
of less width than the match-safe and provided with a finger port, and a resilient match feeder attached to said cover.

5. A match-safe having a pocket at its lower end and provided with a sliding cover having 45
an inwardly projecting flange at its lower end and a match feeder attached to the cover, in combination with a match-box having a resilient tongue in one of its sides to be engaged by said feeder. 50

In testimony whereof I affix my signature in presence of two witnesses.

JOHN GREEN.

Witnesses:

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