

(No Model.)

D. C. PULLINS & C. S. WYATT.

MATCH SAFE.

No. 568,276.

Patented Sept. 22, 1896.

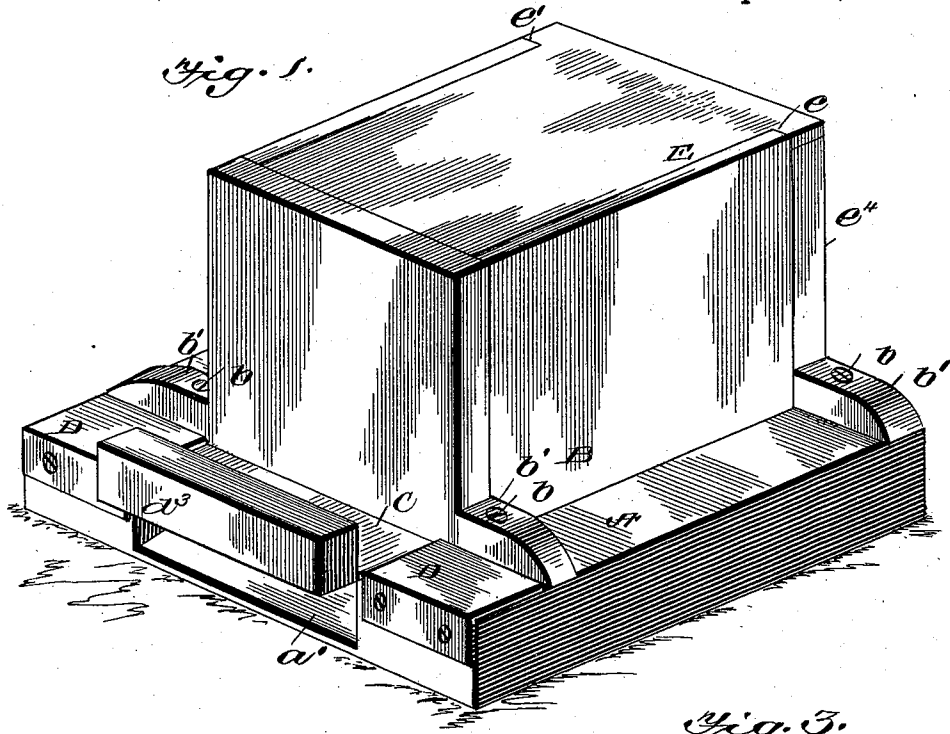


Fig. 3.

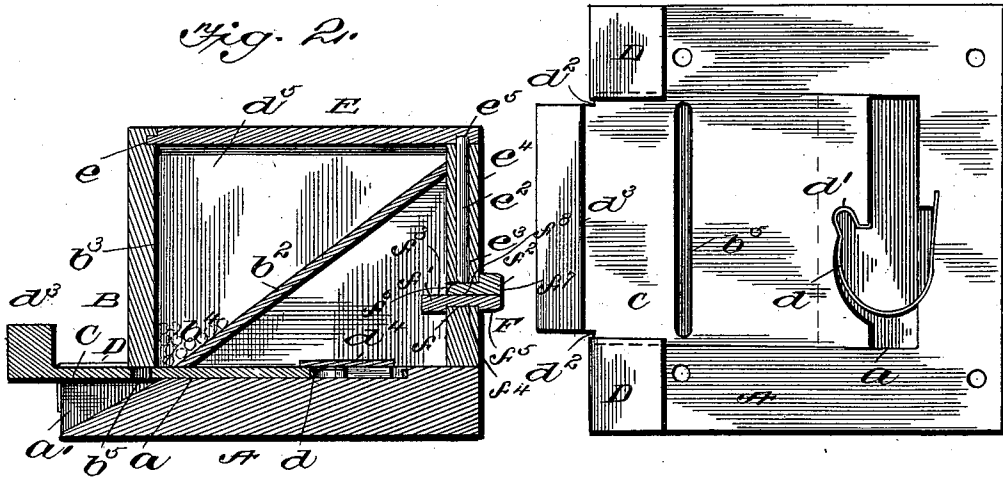
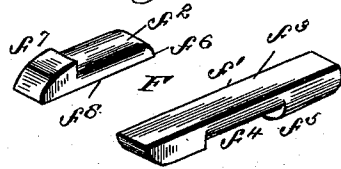


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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MATCH-SAFE.

SPECIFICATION forming part of Letters Patent No. 568,276, dated September 22, 1896.

Application filed April 8, 1896. Serial No. 586,736. (No model.)

To all whom it may concern:

Be it known that we, DAVID C. PULLINS and CHARLES S. WYATT, citizens of the United States, residing at Pullins, in the county of Garrard and State of Kentucky, have invented certain new and useful Improvements in Match-Safes; and we 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.

This invention relates to certain new and useful improvements in match-safes; and it has for its object the production of a simple device of this character which can be quickly and readily filled and which, when so filled, will deliver but one match at a time, whereby waste is prevented.

The invention will be hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective. Fig. 2 is a longitudinal sectional view. Fig. 3 is a plan view with the hopper removed. Fig. 4 is a detail.

Referring to the drawings, A designates a base provided with an upper central longitudinal cut-away or recessed portion *a*, which at its forward end *a'* is beveled or inclined.

B is a box or casing secured to base A by means of screws *b*, passed through ears *b'*. The box or casing is provided with an inclined bottom *b²*, forming a hopper-like chamber *b³*. The lower end of said bottom does not contact with the end of box B, thus leaving a transverse narrow opening *b⁴*, with which is designed to register a transverse slot *b⁵*, formed in a slide C, adapted to work back and forth beneath said box or casing in the cutaway or recess *a*. The slide C is held in a normally forward or outward position by a plate-spring *d*, secured at one end to base A, the other end thereof being secured in a cut-out *d'* of said slide. The forward movement of said slide is limited by shoulders *d²* thereof engaging plates D, attached on the forward end of base A. A transverse flange *d³* on the forward end of slide C serves as a handle for forcing said slide backward against the tension of its spring. A guard-plate *d⁴*, secured to the under side of box B, serves to prevent foreign substances from interfering with the

action of the spring. A block or partition *d⁵*, forming a false side, may be placed in chamber *b³* when short matches are used and removed when larger ones are employed. By this means the short matches are held in proper position.

E designates the removable top of box B, the same fitting in grooves *e*, formed in the sides of said box, shoulders *e'*, formed in one end of said top, serving to limit the movement thereof. The top E is locked in position by means of a vertically-movable bolt *e²*, resting loosely within a vertical bore *e³* in the rear wall *e⁴* of box B, the upper end of said bolt being adapted to enter a circular recess *e⁵* in said top. The bolt is normally held in engagement with said top by means of a two-part plug or lock, F, working in a transverse hole *f*, said bore opening at its lower end into said hole. The lock comprises two members *f'* *f²*, the former being approximately circular in cross-section and provided with a flattened side *f³*, a cut-away portion *f⁴*, and a headed portion *f⁵*. The member *f'* is designed to remain in hole or opening *f*, the cut-away portion *f⁴* being adapted to receive the edge of wall *e⁴* adjacent to the periphery of said opening. The member *f²* is provided with a tapered end *f⁶* and a head *f⁷*, the intermediate portion *f⁸* being flattened and adapted to rest on the corresponding portion *f³* of member *f'*. Member *f²* is designed to act as a wedge between member *f'* and lock *e²*, causing the raising of the latter and its engagement with the top.

In practice the member *f²* is first removed, releasing the lock from engagement with top E, whereby the latter may be slid rearward. The chamber *b³* is then filled to the desired extent with matches, after which the top E is again secured in place. When it is desired to obtain a match, the operator pushes in slide C against the action of its spring, whereupon a match will drop into slot *b⁵* as soon as the latter registers with opening *b⁴*. Pressure on the slide being withdrawn, the same is forced forward by the spring and as soon as its slot moves over the inclined portion *a'* of base A the match will be deposited thereon.

From what has been said it will be seen that we have produced a simple and efficient

match-safe which will deliver but one match at a time, one which can be readily and quickly filled, and one which is not liable to readily get out of order or become deranged.

5 We claim as our invention—

1. The herein-described improved match-safe comprising a base having a longitudinal cutaway or recess and a forward incline, a slide working in said cutaway and provided
10 with forward shoulders and a transverse slot, a transverse flange being formed on the forward end of said slide, a spring for holding said slide in a normally forward position, a guard-plate for said spring, angular plates
15 secured to said base adjacent said incline and adapted to be engaged by said shoulders and a box or hopper located over said slide, the lower opening of which is adapted to register with the slot in said slide, as set forth.

2. The herein-described improved match-safe, comprising a box or receptacle having a vertical bore formed in one of its walls, a sliding cover for said box or receptacle having a recess formed therein, a bolt loosely fitted in
25 said bore and a locking-plug formed of two parts or members, one of which is adapted to engage and raise said plug and hold it in engagement with the recess of said cover, substantially as set forth.

3. The herein-described improved match-safe, comprising a box or receptacle having

a vertical bore formed in one of its walls, and a transverse hole or opening adjacent thereto, a sliding cover for said box or receptacle, a bolt loosely fitted in said bore, and a two-
35 part locking-plug, one member of which is rigidly secured within, and the other removable from said transverse hole or opening, and having a tapered end, said removable member being adapted to engage and raise
40 said bolt, substantially as set forth.

4. The herein-described improved match-safe, comprising a box or receptacle having a vertical bore formed in one of its walls, and a transverse hole or opening adjacent there-
45 to, a sliding cover for said box or receptacle, a bolt loosely fitted in said bore, and a locking-plug designed to hold said bolt in engagement with the recess in said cover, said plug comprising a member rigidly secured in said
50 transverse hole or opening and having an upper flattened surface, and a second wedge-like member adapted to rest thereon, substantially as set forth.

In testimony whereof we affix our signatures in presence of two witnesses. 55

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Witnesses:

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