

V. T. & H. E. MOYS.
MATCH BOX.
APPLICATION FILED JUNE 1, 1910.

988,132.

Patented Mar. 28, 1911.

Fig. 1.

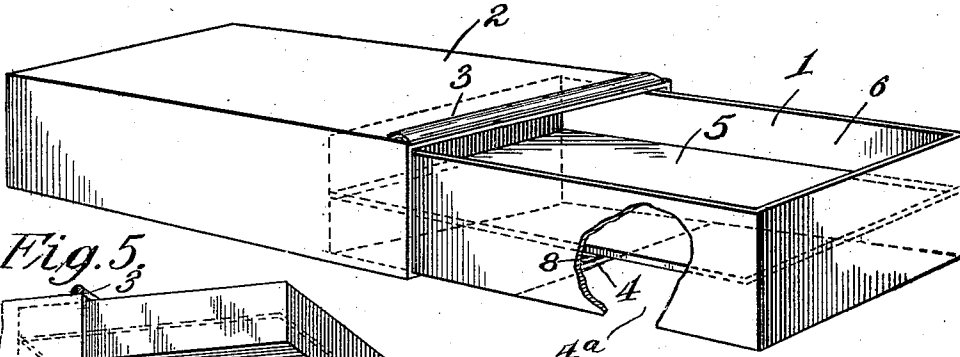


Fig. 5.

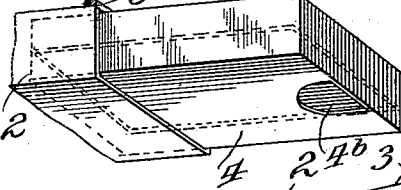


Fig. 2.

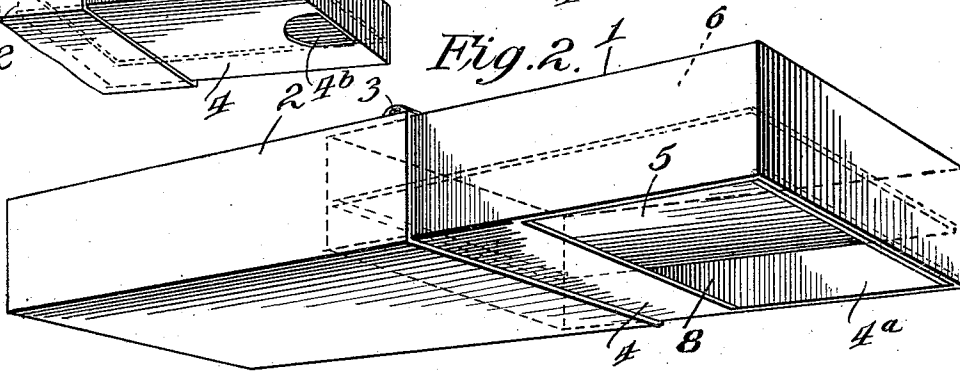


Fig. 3.

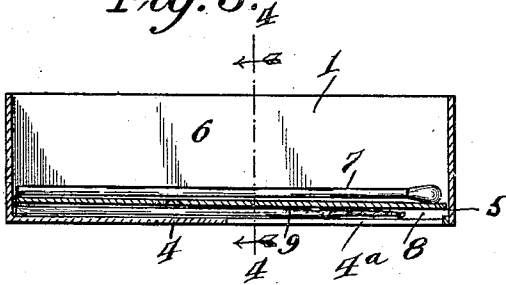
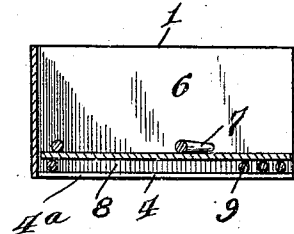


Fig. 4.



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UNITED STATES PATENT OFFICE.

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MATCH-BOX.

988,132.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that we, VIVIAN T. MOYS and HUBERT E. MOYS, subjects of the King of Great Britain, residing at Cradock, Cape Colony, South Africa, have invented new and useful Improvements in Match-Boxes, of which the following is a specification.

This invention relates to match boxes of the safety match box type, the object of the invention being to provide a box of this character in which the body of the box is provided with a loose bottom for forming a compartment for used matches opposite the compartment in which the unused matches are held, in which first-named compartment the burned matches as used may be stored, thus obviating the necessity of throwing the burned matches on the floor or of mixing the used matches with the good ones, with the attendant annoyance in separating unused from used matches.

The invention consists of the features of construction, combination and arrangement of parts hereinafter fully described and claimed, reference being had to the accompanying drawings, in which:—

Figure 1 is a perspective view of a match box embodying our invention, showing the body or drawer partially withdrawn. Fig. 2 is a bottom perspective view of the same. Fig. 3 is a longitudinal section through the drawer. Fig. 4 is a cross section thereof. Fig. 5 is a view similar to Fig. 2, showing a modification.

Referring more particularly to the drawing, 1 designates the body of the box, which is open at the top for the insertion and withdrawal of the matches from the match compartment, and is adapted to fit as usual within an open ended casing 2, such type of box being commonly employed for holding safety matches. The casing 2 differs from those of ordinary construction in that it is provided at one end with a rolled or turned portion 3 forming an indicating head, for a purpose hereinafter described. The body or drawer 1 is provided with a fixed bottom section or flange 4 coextensive in width therewith and extending inwardly from one end of the drawer preferably to a degree somewhat more than one-half (about three quarters) of the length of the drawer, leaving the remaining portion of the bottom of the drawer open to form a slot or opening 4^a for the insertion of the burned matches.

Arranged within the drawer is a loose, movable false bottom or floor 5, which is adapted to close said slot against communication with the compartment 6 in which the unused matches 7 are stored, and to form a support for said matches, as well as a partition movable to decrease the depth of the chamber 6 as the matches are used to provide a compartment or chamber 8 between the fixed bottom or flange and the movable bottom to receive and hold the burned or used matches 9, as indicated in Figs. 3 and 4.

The matches 7 are stored within the compartment 6 in the usual manner to the full depth thereof, and the bottom 5 normally rests against the flange 4, thus closing the slot or opening 4^a in the bottom of the drawer. As the matches from the compartment 6 are extracted and used, the burned splints are inserted through said slot or opening 4^a into the chamber 8 which is formed by pressing the bottom upwardly toward the open top to a depth commensurate with the space left vacant in the compartment 6 by the removal of the used matches. This operation is continued until the supply of good matches is exhausted, when the compartment 8 will be more or less full, dependent upon the number of burned matches stored therein, at which time the box with its contents of burned matches may be thrown away.

Persons using matches from boxes of the usual type within a home or building dislike to throw the burned or charred matches upon the floor, and consequently if this is not done the burned match is frequently put back into the box with the good matches, which, if repeated again and again, will cause considerable annoyance in separating the good matches for removal from the burned ones. By means of the present invention these objections are entirely overcome, and the matches after use may be stored in the box in a neat and cleanly manner and without mixing the same with the good matches, and so that after all the good matches have been used the box and refuse contained therein may be thrown away in a compact package, the advantages of which will be manifest.

In practice, the slotted end of the drawer is arranged at the end of the casing 2 provided with the bead 3, by which the latter acts as an indicator to enable the user to de-

termine which end of the drawer should be pushed out in order to obtain access to the burned match compartment.

In the modified form of our invention 5 shown in Fig. 5 the bottom 4 is provided with a slot or opening 4^b at or near one of its ends, said slot or opening being comparatively short and narrow and formed by cutting away a partially circular section of said 10 bottom, making the slot or opening of just sufficient size for the free passage of the burned matches to the compartment 8. An opening of this character may be provided at each end of the bottom 4, in which event 15 the indicator 3 may be dispensed with, as will be readily understood.

Having thus described the invention, we claim:—

20 A match box comprising a casing open at an end thereof, a drawer slidably mounted in the casing and open at the top thereof, said drawer being withdrawable from the

open end of the casing, and a false bottom loosely mounted in the chamber of the drawer and dividing the same into an upper 25 live match receiving compartment and a lower dead match receiving compartment, said false bottom being freely movable for automatic adjustment to vary the depth of said compartments according to the number 30 of matches respectively contained therein, the outer end portion of the bottom of said drawer having an opening therein exposed upon a partial opening movement of the drawer for the insertion of dead matches 35 into said dead match compartment.

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

VIVIAN T. MOYS.
HUBERT E. MOYS.

Witnesses:

EDW. HAWOOD,
S. T. PENNBRIDGE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
