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S. ROBERT

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MATCH HOLDER

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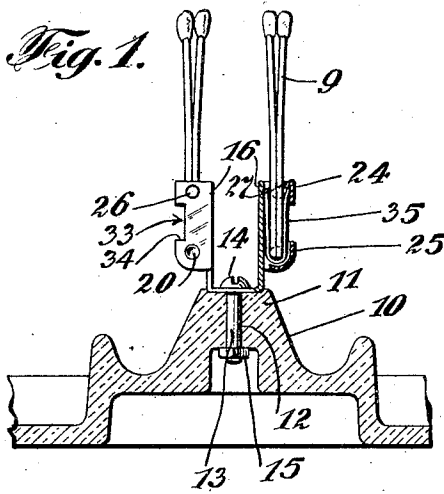
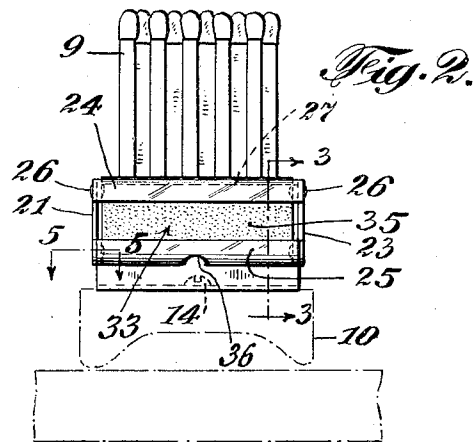
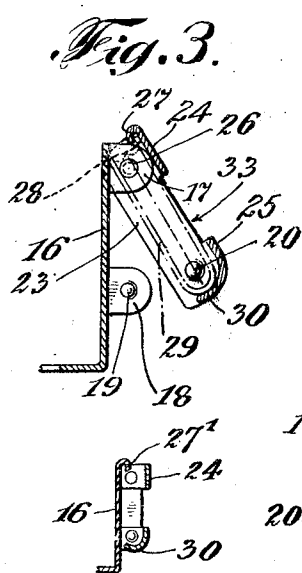
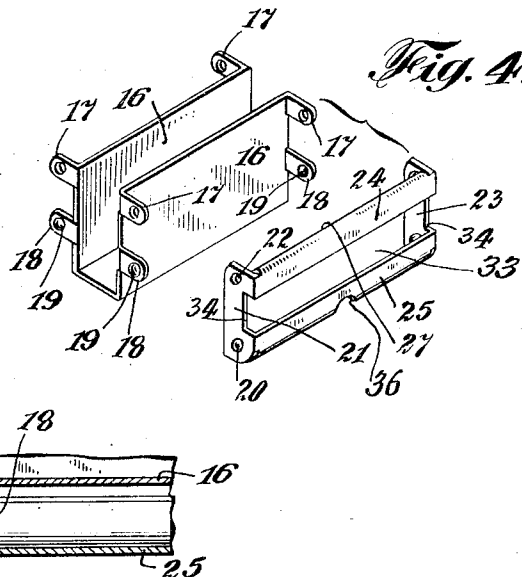


Fig. 6.

Fig. 5.

INVENTOR

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UNITED STATES PATENT OFFICE.

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MATCH HOLDER.

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To all whom it may concern:

Be it known that I, SAMUEL ROBERT, a citizen of the United States, and a resident of the city, county, and State of New York, have invented certain new and useful Improvements in Match Holders, of which the following is a specification.

This invention relates to match holders and more particularly to a novel and simply constructed holding device for match books of the character now in general use wherein a plurality of flat stem matches are secured within a suitable paper cover or envelop.

It is the primary object and purpose of my present improvements to provide a match book holder and supporting device of such construction that the match book in its entirety cannot be readily removed from the holder and appropriated and which at the same time admits of the easy and quick removal of the stub portion of the match book from said holder and the insertion of a new match book therein.

It is also an object of my present improvements to provide a holding or supporting device for such match books wherein the frictional striking surface of the envelop or binder in which the matches are enclosed will be entirely exposed and accessible.

In a practical embodiment of my present invention, I provide a fixed supporting member and a match book receiving and retaining member pivotally mounted upon the supporting member for swinging movement with respect thereto. Preferably, I provide the parts with coacting frictional latch means for releasably securing the swinging member in its effective position relative to the support, said member having a seat or stop preventing movement of the match book in one direction, and one of said parts being provided with means to coact with an edge of the paper holder or binder for the matches and thereby prevent movement of the match book in the opposite direction whereby it might be withdrawn from said holder.

My invention also comprehends a certain relative mounting and arrangement of the support and the movable match holding and retaining member whereby the match stems will themselves act to prevent swinging movement of the holding member to such a position relative to the support as would admit of the removal of the match book, such removal of the denuded stub being only

possible when all of the matches have been torn off or separated therefrom.

With the above and other objects in view, the invention consists in the improved match book holder, and in the form, construction and relative arrangement of its several parts as will be hereinafter more fully described, illustrated in the accompanying drawing and subsequently incorporated in the subjoined claims.

In the drawing wherein I have illustrated a simple and practical embodiment of the invention and in which similar reference characters designate corresponding parts throughout the several views:

Figure 1 is a view partly in elevation and partly in section showing one form of the improved holder mounted upon an ash tray and provided with means for supporting a plurality of match books;

Figure 2 is a front view of the holder having a match book held therein;

Figure 3 is a sectional view taken on the line 3—3 of Figure 2 showing the match book holding and retaining member moved to its open position for the discharge of the book stub;

Figure 4 is a perspective view showing the primary parts of the holder separated;

Figure 5 is a detail horizontal section taken on the line 5—5 of Figure 2; and

Figure 6 is a detail sectional view showing a slight modification of the device.

The invention forming the subject matter of this application is primarily designed for use in hotels and restaurants where it is desired to supply matches for the use of patrons. However, in order to minimize the expense incurred in furnishing this accommodation, it is desirable to prevent the appropriation of the entire supply of matches by a single individual. Therefore, I have herein shown one embodiment of the holder suitably mounted and arranged upon an ash tray 10, in the present instance, this tray being shown as provided with a central tapered portion 11 having a vertically extending bore 12 through which the fastening or securing bolt 13 for the holder is disposed. The body member 16 of the holder is in the form of a U-shaped plate as seen in Figure 4 of the drawings, the parallel legs of which are vertically disposed while the intermediate portion thereof rests upon the top of the tapered part 11 of the tray, being tightly secured thereon by the head 14 of the bolt 13.

The opposite end of this bolt is threaded to receive the clamping nut 15.

Each of the parallel portions of the member 16 has a match book holder thereon, but it will be understood that it is not essential that the member 16 be of the form shown, and if desired, only a single match holder may be provided, or on the other hand, said supporting member so shaped and constructed that more than two of the holders might be provided.

In the following description I shall refer in detail to the mounting and arrangement of only one of the match book holding and retaining members, as it will be understood that the other is constructed and arranged in a like manner.

Upon the opposite ends of the vertical leg of the supporting member 16, vertically spaced lugs 17 and 18 respectively are provided and extend at right angles to the plane of the support. Each of the lugs 18 is formed with an indentation or concavo-convex portion 19 in its end, the concave surface of which is in the outer side face of the lug.

The match book holding and retaining member 21 as herein shown, consists of parallel end portions 23 connected at their upper and lower ends by the spaced parallel horizontally extending parts 24 and 25. The end portions 23 at the ends thereof connected by the part 24 are provided with openings 22 adapted to register with openings in the lugs 17 to receive suitable pivot pins 26 whereby the member 21 is connected to the upper end of the vertical support 16 for lateral swinging movement with respect thereto.

In this construction, I provide upon the upper edge of the horizontal part 24 of the holder an inwardly and downwardly turned flange 27 extending the entire length thereof. The end portions 23 of the holder at their opposite ends are provided with indentations 20 thereby producing projections on the inner faces thereof adapted for engagement with the concave sides of the indentations 19 in the lugs 18. These co-acting parts thus provide a frictional latch means for retaining the match book holder in a perpendicular position in parallel relation with the support 16 as shown in Figure 1 of the drawing. The lower portion 30 of the horizontal part 25 of the holder is curved inwardly between the end portions 23 thereof for a purpose which will presently be explained. The space between the parallel parts 24 and 25 provides a longitudinally extending opening 33 and at the opposite ends of this opening the end portions 23 of the holder are notched or recessed as at 34 which provides an entirely unobstructed open space through which the match head may be drawn in contact with

the friction surface 35 of the match book. Preferably, I provide the horizontal part 25 of the holder centrally thereof with a finger receiving notch or recess 36 so that the member 24 can be readily swung outwardly to its open position as shown in Figure 3 of the drawing.

The well known paper match books are of standard size, and the holder 21 is of such width that when latched in perpendicular position against the outer side of the support 16, it will snugly receive the end of the match book. The matches, herein represented by the numeral 9, have flexible flat paper stems, said stems being integral with a paper card from which the match stems are adapted to be torn. Two of these match cards are arranged upon each other and around the stub portions thereof of one end of a paper folder or envelop is engaged and securely fastened by means of suitable metal clips. The free end or flap of this folder is usually tucked between the paper match card and the other end edge of the folder within which said match cards are secured. In the use of my device, as above described, the paper envelop on one side of the matches is torn off approximately on a line coinciding with the other end edge of the folder on the opposite side of the matches. The remaining end portion 29 of the folder remains bound to the match cards by the metal clips and one side thereof is provided with the frictional surface 35. With the folder 21 latched upon the side of the support 16 as shown in Fig. 1, the stub end of the match book is inserted downwardly between the supporting plate and the intumed flange 27 on the part 24 of the holder until the lower end of the book stub contacts with the inwardly curved edge 30 of the part 25 of said holder. At this time, the free edge of the paper stub above the frictional surface 35 engages under the inwardly and downwardly turned flange 37, as indicated at 28. Thus it will be apparent that this flange will effectually prevent the match book being drawn upwardly out of the holder, while the stop or seat 30 will prevent the match book being forced downwardly between the holder and the supporting plate 16. In this manner the match book will be securely held so that it cannot be readily withdrawn and appropriated. At the same time, the individual matches may be very easily torn off one at a time from the paper cards. The stub end of the book is very firmly held between the bars 24 and 25 and the supporting plate 16 with the entire frictional surface 35 accessible through the opening 33 so that the match heads can be moved horizontally through said opening in contact with said friction surface.

It will also be observed from reference to Fig. 1 of the drawings that so long as any of the paper match stems remain connected with the cards secured in the paper binder 29, the holding and retaining member 21 cannot be unlatched and swung laterally from the side of the supporting plate 16 to a sufficient extent to enable the match book to be removed. This is due to the fact that the paper match stems will contact against the upper edge of the supporting plate 16 and prevent such swinging movement. However, after all of the matches have been used so that only the stub remains, the member 21 may be pivotally moved and swung laterally to the position shown in Figure 3 of the drawings. By then pressing against the outer side of the stub through the opening 33, the stub may be disengaged from the seat 30 so that it will fall downwardly between the member 21 and the plate 16. After returning the member 21 to its latched position with respect to the supporting plate 16, a new match book may be inserted in the holder in the manner above described.

As shown in Figure 6 of the drawing, instead of providing the inturned hook 27 on the part 24 of the pivoted holder, I may provide a similar outwardly turned hook or flange 27' on the upper edge of the supporting plate 16. However, I prefer the construction first described, since in the latter case, the remaining edge of the binder 29 after tearing off the paper cover or envelop may be uneven so that it would not always properly engage under the flange 27'.

From the foregoing description considered in connection with the accompanying drawing, it will be seen that I have provided a very simple, inexpensive and serviceable holding device for book matches. While I have above referred to my invention as being principally intended for use in hotels and restaurants, it will of course be apparent that the device may also be employed with advantage in cigar stores, and for private use as well. Also, it will be manifest that since the several parts of the device are of very simple form and can be readily produced from sheet metal stampings, the article may be manufactured and sold at comparatively small cost.

I have herein shown and described several desirable constructions of my present invention, but it will be understood that the device might also be exemplified in numerous other alternative constructions, and I therefore reserve the privilege of resorting to all such legitimate changes in the form, proportion and relative arrangement of the several parts as may be fairly embodied within the spirit and scope of the invention as claimed.

I claim:

1. A match book holder comprising a sup-

porting member, and a holding member normally parallel with the supporting member and pivotally mounted upon one side of the supporting member for swinging movement with respect thereto, said holding member constructed to receive the stub end of a match book and support and retain the same against one side of said supporting member to prevent the bodily removal of said book, when the holding member is parallel with the supporting member.

2. A holder for match books comprising a supporting member, a holding member pivotally mounted upon one side of the supporting member for swinging movement in respect thereto, said holding member adapted to receive the stub end of the match book and having a portion preventing shifting movement of the match book in one direction when the supporting member and the holding member are disposed in parallel relation, and one of said parts having means coacting with a portion of the match book stub to prevent movement of the match book in the opposite direction.

3. A match book holder comprising a vertical support, a holding member pivotally mounted upon one side of the support for lateral swinging movement with respect thereto, said holding member adapted to receive and retain the stub end of a match book against one side of said support when the holding member is disposed in parallel relation thereto, said holding member having means preventing the bodily withdrawal of the match book therefrom, and latch means for retaining said holding member in its operative position upon said support.

4. A match book holder comprising a vertical support, a holding member pivotally mounted upon one side of the support for lateral swinging movement with respect thereto and adapted to receive the stub end of a match book, said holding member being provided with means on its opposite edges to coact with the match book stub when said holder is disposed in parallel relation to the support and prevent the bodily movement of the match book in either direction between said support and holding member, and means for releasably latching the holding member in such position with respect to the support.

5. A match book holder comprising a vertical support, a holding member pivotally mounted on one side of the support for lateral swinging movement, said member when in parallel relation to the support adapted to receive a match book and having stop means at one of its ends limiting the movement of said stub in one direction, said holding member at its other end being provided with a flange turned inwardly towards the support and adapted to engage a part of the match book stub to prevent

bodily movement of the match book in the opposite direction, and a frictional latch device for releasably retaining the holding member in its effective position with relation to said support.

6. In a match book holder, the combination of a support for holding a match book having walls surrounding the sides of the bound end of said book, means on said support engaging an edge of the match book for preventing its removal therefrom, and means permitting the opening of one side of said holder to enable the stub to be removed.

7. In a match book holder, the combination of a separable support for holding a match book having walls surrounding the sides of the bound end of the match book with an opening substantially conforming with the striking surface of the match book, means on said holder engaging an edge above the striking surface of the match book for preventing its removal from the holder, and means permitting the opening of one side of said holder.

8. In a match book holder, the combination of a separable support for holding the match book having walls surrounding the sides of the bound end thereof, means on said holder engaging an edge of the match book for limiting its upward movement and preventing its removal from the holder, a support distanced from said means substantially the depth of the striking surface for supporting the match book and limiting its downward movement, and means permitting the separating of the walls of said holder.

9. In a match book holder, the combination of a frame support for holding the stub end of a match book substantially equal the

length, breadth and depth of said stub, said frame corresponding substantially to the striking surface of the stub and having cut-outs at the sides of said frame to permit the free and unimpeded movement of the match across the striking surface without obstruction by the frame, means on said frame engaging the edge of the stub for preventing removal thereof from the frame while said stub contains matches, and means permitting the opening of said frame.

10. In a match book holder, the combination of a support for holding a match book having walls surrounding the sides of the bound end of the match book, means on said support engaging an edge on the match book for preventing the removal of the match book from the support, and means permitting the separating of said walls to permit the removal of the match book stub from the removal preventing means.

11. In a match book holder, the combination of a support for holding a match book having walls surrounding the sides of the bound end of the match book, means on said support engaging an edge of the match book for limiting the upward movement thereof and preventing its removal from the support, a wall distanced from said means substantially the depth of the striking surface of the standard match book for limiting its downward movement, and means permitting the moving of the last named wall to enable the said stub to be disengaged from the means limiting the upward movement of the match book.

In testimony that I claim the foregoing as my invention, I have signed my name hereunder.

SAMUEL ROBERT.