

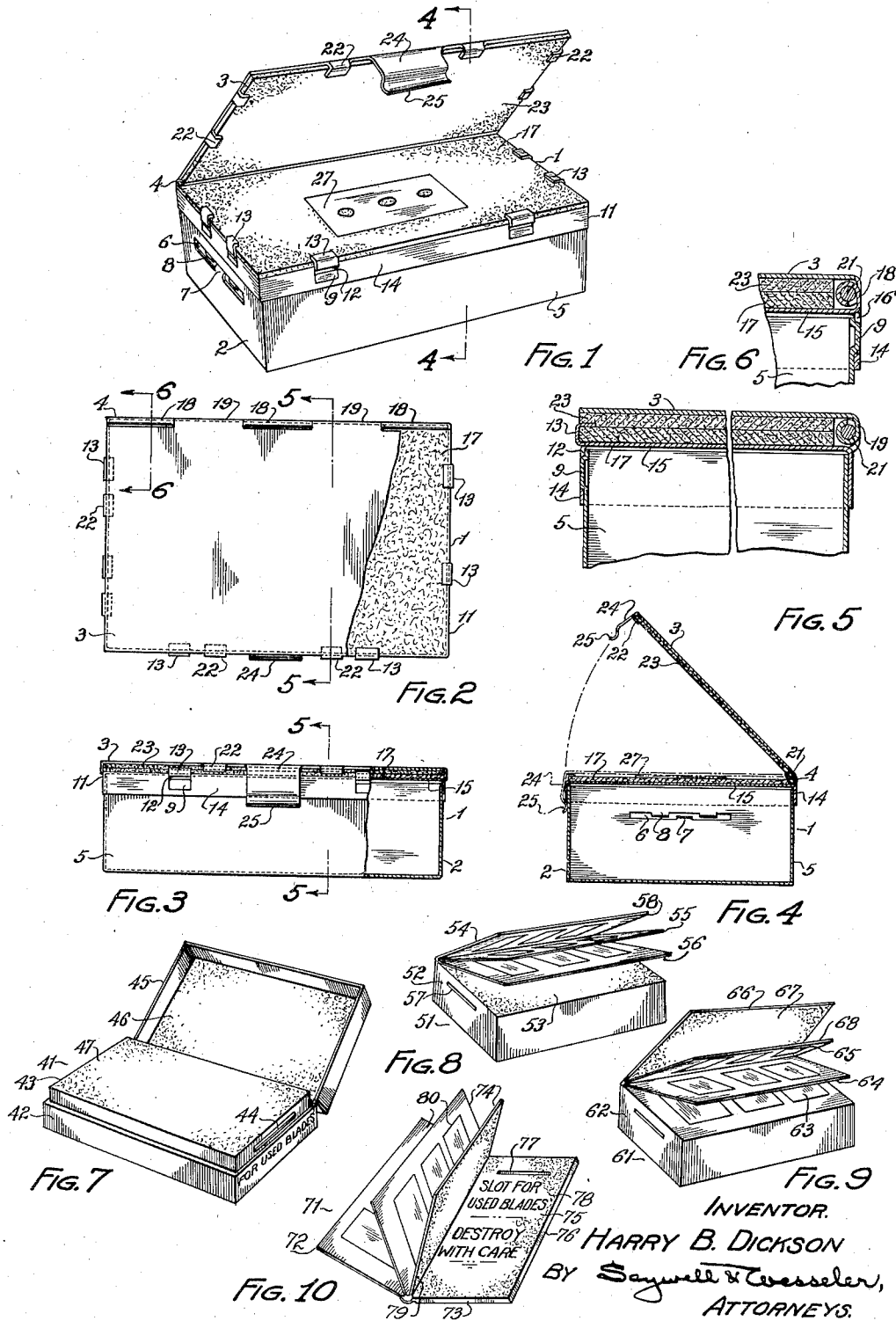
March 18, 1941.

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2,235,699

RAZOR BLADE RECEPTACLE

Filed Oct. 13, 1937



UNITED STATES PATENT OFFICE

2,235,699

RAZOR BLADE RECEPTACLE

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Application October 13, 1937, Serial No. 168,793

1 Claim. (Cl. 206—16)

This invention, as indicated, relates to a razor blade receptacle. More particularly it comprises a small container preferably in the form of a rectangular box closed on all sides and having across its top a hinged lid, providing an auxiliary top coating with the top of such receptacle and carrying absorbent material to adapt the same for the reception of a damp razor blade and to dissipate and remove the moisture from a used razor blade.

The invention has in view providing a convenience for the user of standard types of safety razors, whereby the discarded blades may be inserted through a slot in the receptacle and stored therein until they are ultimately disposed of, and providing means to receive the blade in current use after each interval of use, which will eliminate the usual wiping and drying operations and permit the user to deposit the same between blotter-like material for adequate safekeeping and preservation until required for further use.

The device also includes the provision of a storage receptacle for the used blades which will receive the same in closely aligned order, and thus increase the capacity of the spent blade receptacle over its capacity where blades are inserted promiscuously therein.

Heretofore various devices have been provided to prevent the wiping of razor blades on guest towels in hotels and other places, which frequently result in destruction of the towels by the sharp edge portion of the blades and a serious loss in the course of time, and the miscellaneous disposition of discarded razor blades in places where injury may be caused to other parties. It is herein proposed to provide an improved structure for the purpose referred to, such article being one which combines a place of safe deposit and preservation of the blades in current use, and also provides a receptacle of large capacity to receive discarded blades.

The principal object of the present invention is to provide a combined receptacle for spent razor blades and a moisture absorbent place of deposit for preservation of blades in current use.

Another object of the invention is to provide an inexpensive receptacle which combines means to receive spent razor blades with means to receive and preserve the blade in current use and to permit the full removal of spent blades after the receptacle is filled.

Another object of the invention is to provide a combination of spent razor blade receptacle and current razor blade holder formed of sheet metal

parts adapted for ready manufacture and assembly and for long continued use.

A further object of the invention is to provide a receptacle having combined therewith a pair of moisture absorbent surfaces to receive and preserve a razor blade in current use, such surfaces being readily renewable as required.

Other and further objects of the invention will appear in the course of the following description.

To the accomplishment of the foregoing and related ends, said invention, then consists of the means hereinafter fully described and particularly pointed out in the claim, the annexed drawing and the following description setting forth in detail certain structure embodying the invention, such disclosed means constituting, however, but several of the various forms in which the principle of the invention may be used.

In said annexed drawing:

Figure 1 is a perspective view showing the preferred type of structure embodying the features of the invention;

Figure 2 is a top plan view of the structure shown in Figure 1 as seen in closed position, with a portion of the same broken away.

Figure 3 is a front elevation of the structure shown in Figure 2;

Figure 4 is a transverse sectional view taken along the line 4—4 shown in Figure 1, looking in the direction of the arrows;

Figure 5 is a fragmentary transverse sectional view taken along the line 5—5 shown in Figures 2 and 3, looking in the direction of the arrows;

Figure 6 is a fragmentary transverse sectional view taken along the line 6—6 shown in Figure 2, looking in the direction of the arrows;

Figure 7 is a perspective view showing a modified type of structure embodying the features of the invention;

Figures 8 and 9 are perspective views showing further modified types of structures embodying the features of the invention, including display means for new blades; and

Figure 10 is a perspective view of a still further modified type of structure, wherein provision is made for display of new blades, the reception of discarded blades, and the removal of moisture from the blade in current use.

As clearly shown in Figures 1 to 6 inclusive, the preferred form of construction comprises a receptacle 1, having a body portion in the form of a closed container 2, and having a lid portion 3 connected by means of hinges 4 to said body portion and coacting therewith, as will be presently described. The device may be made of various

materials such as thin sheet metal, paper and compositions, or other materials of various kinds.

The container 2 has a lower portion 5 in the form of a receptacle open at the top, having a bottom and side walls. It is provided approximately centrally at one end with a slot 6 of a size adequate to receive spent razor blades. The upper and lower margins of said slot may be provided with one or more resilient, inwardly turned tongues 7 and 8, respectively, to serve as guards to prevent the accidental discharge of a spent razor blade from the receptacle after it has been placed therein.

The upper portions of the side walls of the open receptacle 5 are provided at intervals with outwardly pressed areas 9 to form locking lugs to enter slots formed in the top portion 11 of the container. The slots 12 are formed by striking outwardly and upwardly metal tongues 13 at the front and sides of the rim portion 14, or downwardly depending flange about the top area or lower blotter support 15. The lugs 9 at the rear of the container, as shown in Figure 6, may enter the slots 16 formed by providing upwardly turned hinge elements at such points, as will be presently described.

In most instances no blotter holding lugs are required adjacent the hinge portion of the device for either the upper or lower blotter, which will be hereinafter described. If it is desired, however, to support extremely thin moisture absorbent material in place of blotters of conventional type, tongues may be provided adjacent the hinge on both the upper and lower adjacent blotter supports.

Through the formation of the tongues 13 at the front and sides of the member 11, slots for holding such member 11 when the same is telescopically engaged over the upper portion of the open receptacle 5, are provided, and also means for holding one or more blotters 17 or other suitable moisture absorbent material against the supporting plate 15, the extreme upper ends of said tongues being turned into parallel relation to the top plate 15 at a suitable distance to receive one or more blotters 17. When the slots 12 and 16 are engaged over the lugs through a snap-on action, the container will be securely held as a closed container until such time as it may be necessary to remove the spent razor blades therefrom. When it thus becomes necessary to remove the member 11 from the lower member 5, it will be necessary to pry the depending rim portion 14 outwardly away from the lugs 9 at all of the sides thereof. This secure engagement of the slots with the lugs is a safety feature of much importance, as the accidental disengagement of the parts is prevented.

The slot 16 at the rearward edge of the member 11 is formed through the provision of a punched-out tongue member 18 turned upwardly to provide a cylindrical hinge member for the lid, as is more clearly shown in Figure 6. The companion portion of the hinge for the lid member 3 is formed by turning a tongue provided at the rearward edge thereof downwardly to form a hinge member 19, as shown in Figure 5. The hinge members 18 and 19 provide cylindrical openings to receive the hinge pin 21. As indicated in Figure 2, three hinge members 18 are provided and two hinge members 19, the entire rearward edge of the box being thus provided with rounded hinge members throughout substantially the full extent thereof.

The lid member 3 is preferably provided at its

side and front margins with tongues 22 turned downwardly and inwardly to provide holding means for the upper blotters 23 or other moisture absorbent elements. The tongues 22 are preferably staggered with reference to the lugs 13, as indicated in Figure 2, so that when the lid is closed upon the top plate 15, the lugs will not meet, thus economizing space and preventing interference of such parts. The lid or cover 3 is also provided with a central tongue or projection 24, having an outwardly curved lower free edge 25 to serve as a resilient catch to hold the lid in closed position through engagement over the central forward portion of the depending flange 14 on the member 11 heretofore described. Beneath the tongues 22 one or more blotters 23 or similar moisture absorbent material may be inserted, as heretofore stated.

The use of the device constructed as above indicated, it is believed, will be readily understood from the description of its construction. However, it will be noted by reference to Figures 1 and 4 that the razor blade 27 in current use may be engaged between the blotters as a place of deposit during intervals of use, the blotters absorbing any residual moisture on such blade. Any film of soap which may adhere to the blade may be ignored, and has no deteriorating effect, but the blade may be rubbed against the marginal portions of the blotters, should it be so desired. Through the use of this device it becomes unnecessary to use a towel or cloth to wipe the blade dry before depositing the same in a receptacle for further use.

After the blade has lost its cutting edge and it is desired to discard the same, the user may pass the same through the slot at the end of the container 2, tipping the receptacle if necessary to insure the blade moving inwardly beyond the guard tongues 7 and 8 heretofore described.

The constructions illustrated and described are not to be regarded as limiting the invention to the exact form shown, as it will be obvious that the position of the lugs and openings may be reversed, with the lugs on the outer telescopic member and the openings on the upper margins of the inner member. It is also evident that in place of the tongues being struck up from the marginal or flange portion of the member 11, they might be struck up from the blotter supporting top section and support the blotter somewhat inwardly as to its margins from the position shown.

The structures shown in Figures 7 to 10 are preferably made of paper, cardboard, or like material, and the entire receptacle may be discarded when the used blade container becomes filled.

The structure shown in Figure 7 comprises a receptacle 41 having a lower section 42 open at the top, within which an intermediate section 43 open at the bottom is telescopically engaged. The two sections are preferably securely fastened by means of glue or other fastening element, and the end of such intermediate portion is provided with a slot 44 through which used blades may be inserted. The body portion of the box may be marked immediately beneath said slot to indicate the position of the same when the lid is closed, inasmuch as the structure is such that the lid section covers the slot and prevents accidental discharge of blades from the receptacle. The lid portion 45 of the device is of a size to engage over the projecting portion of the intermediate

section, and to fit in alinement with the sides of the lower section. The under side of the cover is provided with a blotter 46 and the upper surface of the intermediate section is provided with a blotter 47. When the lid is in closed position, a razor blade interposed between the blotters will have the moisture absorbed through contact with said blotters.

The structure shown in Figure 8 comprises a cardboard receptacle 51 having a lower closed portion 52 with a blotter 53 secured to the upper surface thereof. A flat lid or cover section 54 is provided, and one or more interleaved cardboard sections 55 are also provided. On the under face of the lowermost interleaved cardboard section a blotter 56 may be provided, secured thereto by glue or other suitable fastening means, said blotter cooperating with the blotter on the top face of the lower closed portion 52. A slot 57 for discarded blades is provided in one end of said lower section. The intermediate leaved portions 55 are adapted to have secured to their surfaces envelopes within which new blades are enclosed.

The structure shown in Figure 9 is somewhat similar to that shown in Figure 8, the receptacle 61 having a closed lower section 62 on top of which envelopes 63 enclosing new blades are secured. Similar envelopes 64 may be secured to one or more interposed leaves 65. A lid or cover portion 66 is provided to form the top closure of the receptacle, the inner face of such cover being provided with a blotter 67 and cooperating with a blotter 68 mounted on the topmost leaf.

In order to provide a compact and simple form of structure embodying all the features of the invention, wherein new blades may be displayed, the blade in current use freed from moisture, and provision made for discarded blades, a structure of the type shown in Figure 10 has been designed. To this end, a folding booklet type of structure 71 has been provided, having a front cover 72 and a back cover 73 with intermediate leaves 74. The back cover 73 is formed to provide an internal pocket and comprises an inner sheet 75 and outer sheet 76 spaced from each other a sufficient distance to freely receive discarded razor blades. The inner sheet 75 is provided adjacent its upper edge with a slot 77 through which the discarded blades may be inserted into the space between said inner and

outer portions. The inner surface may be formed of moisture absorbent material 78 and cooperate with similar moisture absorbent material 79 on the adjacent face of the intermediate leaves. The remaining surfaces of the intermediate leaves, as well as of the inner front cover, may have secured thereto envelopes 80 within which new razor blades are enclosed. Thus it will be noted that in a very compact and inexpensive structure provision is made for the display and carrying of a supply of new razor blades, together with means for removing moisture from the blade in current use, and a receptacle for the discarded blades. The space within the rearward cover section is sufficient to accommodate the blades displayed in the remaining portion of the device, and when the same is filled the entire device may be discarded. The rearward cover is preferably suitably marked to indicate that the slot is for the reception of used blades, and also preferably carries a warning that the structure should be destroyed with care to prevent injury to anyone handling the same.

Numerous other variations or combinations of the features illustrated may also be provided. The forms illustrated, however, are particularly adaptable for quantity production on an extremely economical basis, which renders the device suitable for free distribution or for use as an advertising novelty, as well as for an article to be sold to the individual user.

Other modes of applying the principle of my invention may be employed instead of those explained, change being made as regards the means and steps herein disclosed, provided those stated by the following claim or their equivalents be employed.

I therefore particularly point out and distinctly claim as my invention:

A box consisting of a body portion having closed sides, top and bottom and provided with a receiving slot through one of said sides, a hinged lid having a flanged portion for said box swingable to and from the body portion to cover and uncover the body portion with the flanged portion extending over said slot and closing the same when the lid is in closed position, said lid when in closed position with the top of said body portion cooperating to provide a second compartment.

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