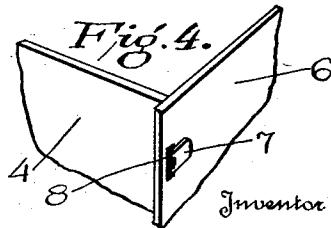
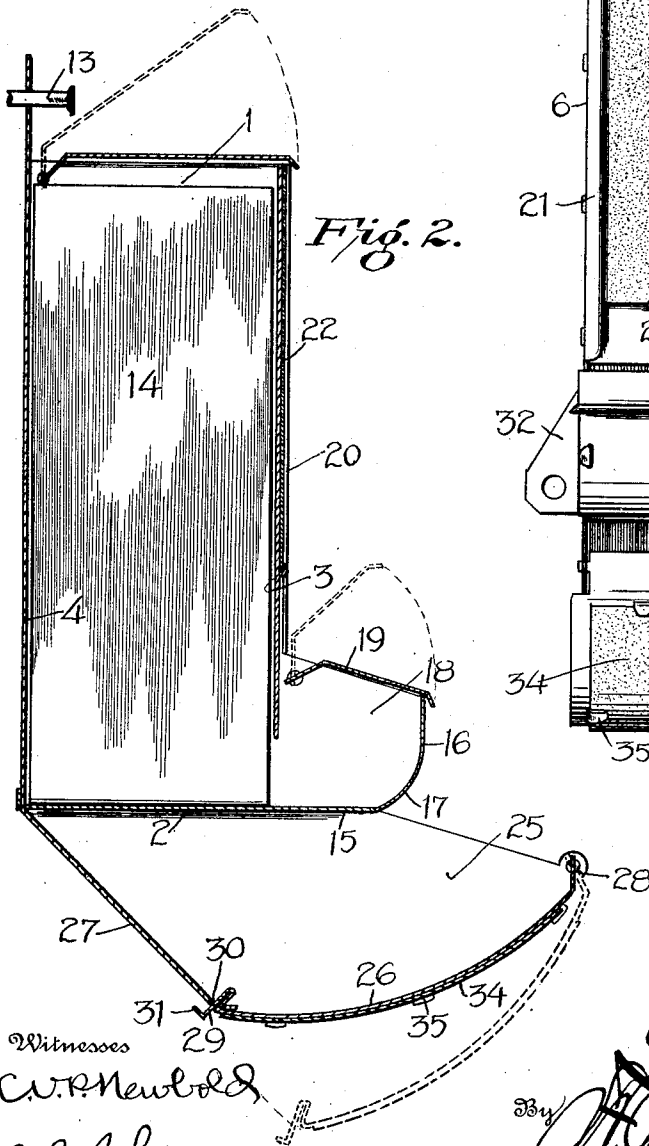
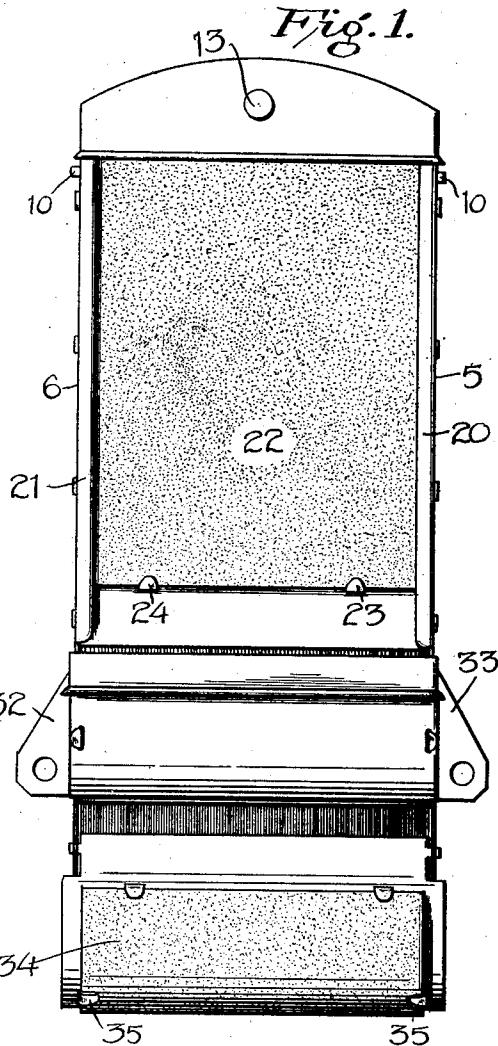
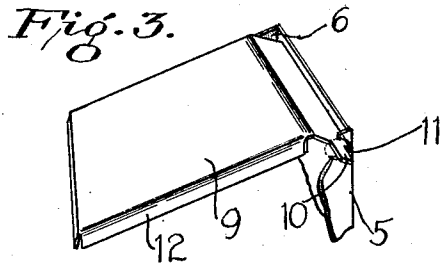


O. FALKENWALDE.
MATCH BOX.
APPLICATION FILED NOV. 25, 1913.

1,109,409.

Patented Sept. 1, 1914.



Witnesses
C. P. Newbold
A. E. Johnson

O. Falkenwalde.

By *A. Handreph Jr.*
Attorney

UNITED STATES PATENT OFFICE.

OSCAR FALKENWALDE, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF TO JOHN GEORGE NEUMEISTER, OF BALTIMORE, MARYLAND.

MATCH-BOX.

1,109,409.

Specification of Letters Patent.

Patented Sept. 1, 1914.

Application filed November 25, 1913. Serial No. 802,993.

To all whom it may concern:

Be it known that I, OSCAR FALKENWALDE, a citizen of the United States, residing at Baltimore, in the State of Maryland, have
5 invented certain new and useful Improvements in Match-Boxes; 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
10 is appertains to make and use the same.

My invention relates to new and useful improvements in receptacles for matches and resides in the provision of a match box which is constructed to receive a box of
15 matches and to allow the matches to be removed in small quantities, said box completely concealing the box of matches when placed therein.

An important object of the invention is
20 to provide a match box having a novel form of delivery mouth or opening in which is provided upon its lower end a receptacle to receive burnt matches, that is provided with a hinged wall to facilitate removal of the
25 burnt matches.

Another object of importance is to provide a match box such as above described which is constructed of a number of sections of suitable sheet metal, connected in such a
30 way as to form a rectangular receptacle to receive a box of matches, a delivery mouth or opening and a receptacle to contain burnt matches, and in such a way that should for any reason the matches become ignited while
35 contained in the box the effect of the heat and flames of the matches would in no way injure the box or receptacle as would be the case should the receptacle be soldered.

Another important object of the invention
40 is to improve devices of the above mentioned character so as to render them more practical, simple as to construction and number of parts, reliable and efficient for the purpose intended, cheap to manufacture and
45 more commercially desirable.

The above and additional objects are accomplished by such means as are illustrated in the accompanying drawings, described in the following specification and then more
50 particularly pointed out in the claims which are appended hereto and form a part of this application.

With reference to the drawings, wherein I have illustrated the preferred embodiment
55 of my invention as it is reduced to practice,

and throughout the several views of which similar reference numerals designate corresponding parts:

Figure 1 is a front elevation of the device as it would appear when in assembled position, Fig. 2 is a vertical sectional view, Fig. 3 is a detail perspective view of the type of hinge employed for the two covers and
60 hinged wall of the device, and Fig. 4 is a detail perspective view showing the form of
65 joint for the several metal sheets of which the receptacle is composed.

Referring now to the drawings forming a part of this specification and in which like numerals are employed to designate corresponding parts, the numeral 1 designates the match box receiving receptacle which is preferably rectangular in shape and consists of a bottom wall 2, front and rear walls 3 and 4, and side walls 5 and 6. These walls
70 as hereinbefore described consist of rectangular sections of suitable sheet metal and are connected with each other along their edges by means of tongues 7 that are adapted to be inserted through slots or openings 8 and
80 bent over to lie flat against the wall provided with the slots or openings 8. This form of joint is preferably employed throughout the entire construction of the device.
85

The upper end of the receptacle 1 is open and is adapted to be closed by a closure plate or lid 9 provided with an angular end upon opposite sides of which are formed pivot members 10 that are adapted to be inserted
90 through openings 11 in the side walls 5 and 6. The lid 9 is provided with angular peripheral flanges 12 that are adapted to fit over the upper edges of the walls of the receptacle 1. The rear wall 4 is extended upwardly beyond the upper ends of the side
95 walls 5 and 6 and front wall 3, and apertured to provide for the insertion of suitable fastening means 13 which is adapted to be driven into a wall or other supporting
100 structure to support the receptacle. It will thus be seen that a match box, which for the sake of clearness has been designated 14, when mounted in the receptacle 1, after having the lid for the match box removed, is
105 concealed from view by means of the closure plate or lid 9, and that moisture or water is prevented dampening the matches by means of the flanged closure or lid 9. The bottom wall 2 is extended outwardly from the front
110

wall 3 and bent upwardly to provide a bottom wall 15 and a front wall 16 for a discharge receptacle or mouth by means of which the matches may be removed from the device. The juncture of the bottom and front walls 15 and 16 is curved as at 17 for a purpose which will be later more fully described.

The side walls 18 of the discharge receptacle are formed integral with the lower portion of the front wall 3 and are inclined toward their outer end along their upper edges. A lid or cover 19 is hingedly secured to the side walls 18 and adapted to close the discharge receptacle. This lid 19 is similar in construction to the lid 9 hereinbefore described. It will thus be seen that when the original match box 14 with the matches therein is placed in the receptacle 1 so that the open end of the original match box is disposed toward the front of the receptacle 1 that the matches will roll into the discharge receptacle from which they may be readily removed by raising the lid 19 and inserting the fingers. In withdrawing the fingers the match is rolled upon the curved portion 17 and in this way possibly two or three matches only are removed at a time.

Flanges 20 and 21 are formed on the longitudinal edges of the front wall 3 from points at the upper edges of the side walls 18 of the discharge receptacle, to the top of the wall and are adapted to clamp a rectangular sheet 22 of sand paper or the like for match scratching purposes or an advertising card may be fitted between the flanges 20 and 21. Supporting tongues 23 and 24 are formed integral with the front wall 3 and are adapted to engage the lower edge and support the scratching sheet or advertising card 22. These tongues 23 and 24 may also be bent to securely clamp the sheet 22 whereby it is held against accidental removal. The front wall 3 terminates at its lower end in spaced relation to the bottom wall 15 so that an opening is formed for the discharge receptacle to permit the matches from the original match box mounted within the receptacle 1 to have access to the discharge receptacle or chamber.

The compartment for receiving the burnt matches consists of side walls 25, hinged bottom wall 26 and inclined rear wall 27. The rear wall 27 is formed integral with the rear wall 4 and extends below the bottom wall 2 of the receptacle 1 in an inclined plane. The side walls 25 are formed integral with the side walls 5 and 6 of the receptacle 1 at the lower terminal thereof and extend outwardly beyond the front wall 16 of the discharge receptacle. The bottom wall 26 is hingedly connected as at 28 after the same manner as are the lids 9 and 19 and is curved and disposed in an inclined

plane whereby matches after having been used and dropped into the compartment will roll to the rear portion thereof. A spring latch member 29 is formed integral with the free end of the curved bottom wall 26 and is adapted to be inserted through an opening 30 in the lower end of the rear wall 27. This spring catch 29 is disposed angularly with relation to the hinged bottom wall 26 and is provided with a projecting angular finger piece 31 that is extended beyond the outer face of the rear wall 27 when the catch is in closed position. The provision of the hinged bottom for the burnt match compartment facilitates the ready removal of the matches after the compartment has been filled. Apertured securing ears 32 and 33 are formed on the longitudinal edges of the rear wall 4 and provide for the securing of the device to the wall of a room. A strip of sand paper or suitable rough material 34 is secured to the outer face of the hinged wall 26 by means of integral securing tongues 35 carried on the bottom wall 26.

It will be apparent with reference to the foregoing description and accompanying drawings that there has been provided a receptacle for match boxes which is arranged to facilitate the removal of matches in a reliable and expeditious manner and that is capable of performing all the functions hereinbefore recited, in a reliable manner.

In reduction to practice, I have found that the form of my invention, illustrated in the drawings and referred to in the above description, as the preferred embodiment, is the most efficient and practical; yet realizing that the conditions concurrent with the adoption of my device will necessarily vary, I desire to emphasize the fact that various minor changes in details of construction, proportion and arrangement of parts may be resorted to, when required, without sacrificing any of the advantages of my invention, as defined in the appended claims.

What is claimed is:—

1. A receptacle for matches comprising a rectangular match box receiving compartment, the side and rear walls of the match box receiving compartment extending downwardly below the bottom wall and forming side and rear walls for a burnt match receiving compartment, a hinged bottom wall for the burnt match receiving compartment, a spring catch on the free end of said bottom wall for locking it in closed position, the bottom wall of said match box receiving compartment extending outwardly and being bent at right angles to provide the bottom and front walls of a discharge receptacle, side walls for said discharge receptacle, said discharge receptacle communicating with

the match box receiving receptacle to permit removal of matches and hinged covers for said match box receiving compartment and discharge receptacles.

5 2. A receptacle for matches comprising a rectangular match box receiving compartment having its upper end open, a hinged cover for the open end of said compartment, a burnt match receiving compartment carried at the lower end of said first compartment and having one end open and disposed forwardly of the front wall of said first compartment, a hinged bottom wall for said last named compartment, a discharge receptacle disposed adjacent the lower front side of the first compartment and communicating therewith and having its upper end open, a hinged cover for said discharge receptacle and said hinged bottom wall adapted to have a match scratching surface secured to its outer face.

3. A receptacle for matches comprising a rectangular match box receiving compartment having its upper end open and adapted to receive a box of matches, said compartment having an opening in its front wall adjacent the lower terminal thereof, a discharge receptacle communicating with the opening and having certain walls formed integral with the bottom wall of the first compartment, securing flanges on the longitudinal edges on the front wall of said first compartment, a receptacle to receive burnt matches at the lower end of said first compartment and a hinged bottom wall for said burnt match receiving receptacle.

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

OSCAR FALKENWALDE.

Witnesses:

GEORGE C. BERT,
CHRISTOPHER FELLING.

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