

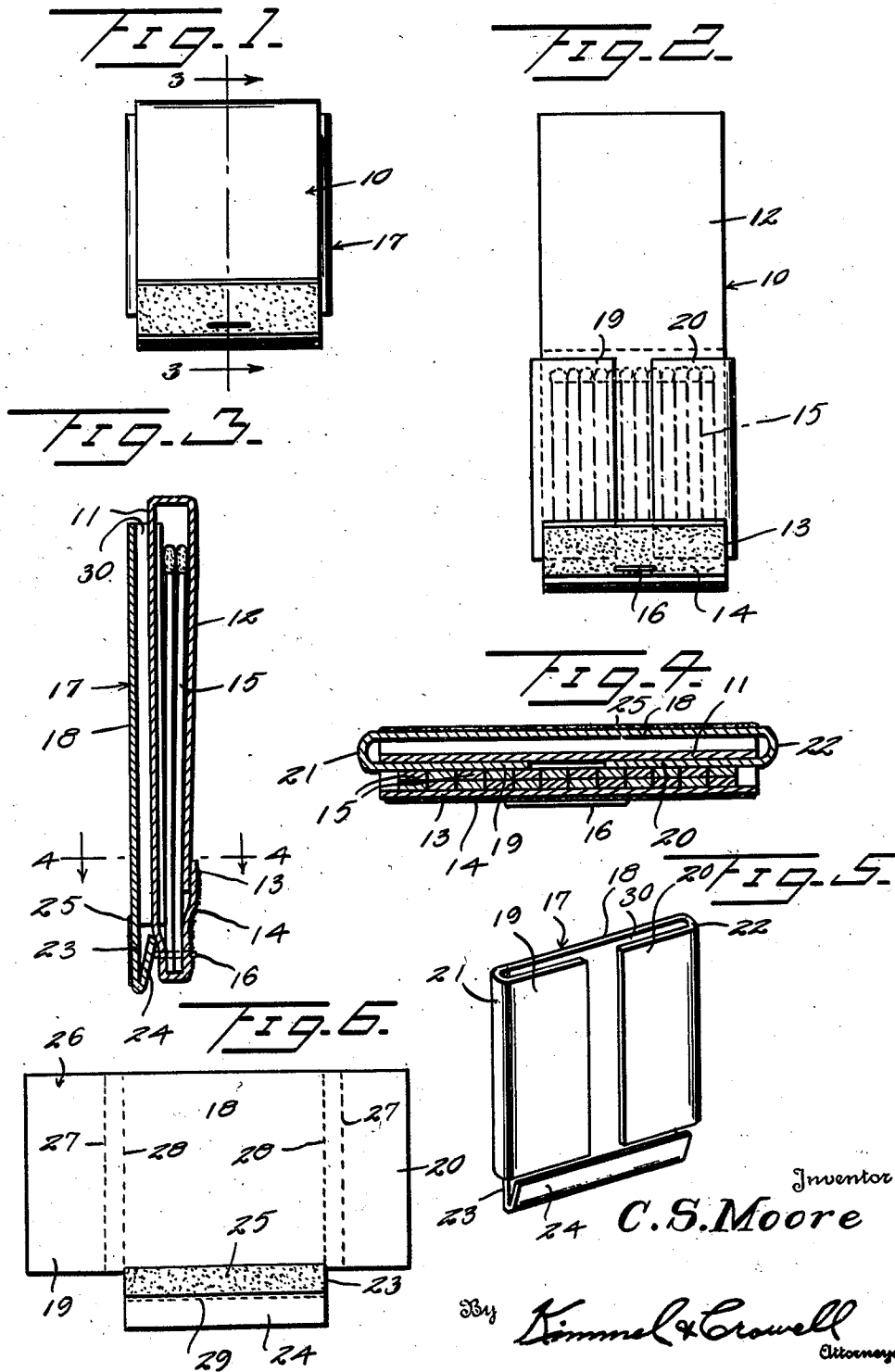
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LIGHTED MATCH EXTINGUISHER AND RECEPTACLE

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LIGHTED MATCH EXTINGUISHER AND RECEPTACLE

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4 Claims. (Cl. 206—37)

This invention relates to match packages and more particularly to a match package and burnt match receptacle.

An object of this invention is to provide in combination with a match package, a receptacle which may be detachably engaged with the package and which is adapted to extinguish the fire of the matches and also serve as a holder for burnt matches.

Another object of this invention is to provide as a new article of manufacture a match extinguishing receptacle, which may be mounted on a conventional match package for receiving burning matches and for holding the burnt matches in a position out of contact with the unburnt matches.

A further object of this invention is to provide a receptacle of this kind, which also includes an abrasive or strike part so that if the match package has a rear abrasive, which would be covered by the receptacle, matches may be struck on the receptacle abrasive.

To the foregoing objects and to others which may hereinafter appear, the invention consists of the novel construction, combination and arrangement of parts as will be more specifically referred to and illustrated in the accompanying drawing, wherein is disclosed an embodiment of the invention, but it is to be understood that changes, variations and modifications may be resorted to which fall within the scope of the invention as claimed.

In the drawing:

Figure 1 is a detail front elevation of a match package having a burnt match receptacle, constructed according to this invention, mounted thereon,

Figure 2 is a detail front elevation of the package with the cover in open position,

Figure 3 is a sectional view taken on the line 3—3 of Figure 1.

Figure 4 is a sectional view taken on the line 4—4 of Figure 3,

Figure 5 is a perspective view of the receptacle, and

Figure 6 is a plan view of the receptacle in blank form.

Referring to the drawing, the numeral 10 designates generally a match package 10, which includes a rear wall 11 and a cover 12 is formed integral with the rear wall 11 and is adapted to engage inwardly of a lower front wall 13, which has positioned on the exterior surface thereof an abrasive element 14. A plurality of matches 15 are adapted to be disposed within the package

and the matches 15 are secured between the rear wall 11 and the lower front wall 13 by means of a staple 16, or other suitable fastening means.

In order to provide a means whereby burnt matches may be disposed of without throwing the burnt matches in a place where they might do damage or where they may be unsightly and whereby the fire of the matches may be extinguished, I have provided a burnt match receptacle, generally designated as 17. The receptacle 17 comprises a rear wall 18 and a pair of spaced apart front walls 19 and 20 which constitutes oppositely extending spaced inner edgewise aligned means for removably coupling the receptacle to the folder of the match package 10. The front walls 19 and 20 are connected to the rear wall 18 by means of connecting side walls 21 and 22 respectively. As shown in Figures 2 and 5, the adjacent or inner edges of the two front walls 19 and 20 are preferably disposed in spaced apart relation and the upper end of the receptacle 17 is normally open. An extension 23 is formed with a rear wall 18 and extends downwardly therefrom and below the two front edges of the two front walls 19 and 20. An upwardly and inwardly extending bottom wall 24 is formed integral with the rear wall extension 23 and projects upwardly at an acute angle to the rear wall extension 23 and terminates at its upper edge closely adjacent the lower edges of the two front walls 19 and 20.

When the receptacle 17 is in removably applied position, with respect to the package 10, the two front walls 19 and 20, as shown in Figures 3 and 4, are adapted to be positioned between the rear-most matches 15 and the forward side of the back wall 11. By pushing the two front walls 19 and 20 downwardly to a point closely adjacent the staple 16, the receptacle 17 will be firmly held in applied position with respect to the package 10 and the rear wall 18 will be positioned in rearwardly spaced relation with respect to the rear wall 11. The bottom forming wall 24, as shown in Figure 3, will be extended upwardly and will be positioned in contacting relation with the lower portion of the rear wall 11, so as to close the pocket formed by the rear wall 18, the two side walls 21 and 22, the extension 23 and the bottom wall 24. The back wall 11 of the match package, when the receptacle is in applied position, forms the front wall of the pocket or receptacle.

The rear wall 18 adjacent the lower edge thereof, is adapted to have an abrasive 25 positioned thereon so that in the event the match package 10 is provided with an abrasive on the lower por-

tion of the rear wall 11, which would be covered up by the bottom forming wall 24 and extension 23, the match may be struck on the abrasive 25. It will be understood that certain match packages have an abrasive or "scratch" on the rear wall thereof and certain others have the abrasive on the front face of the short front wall.

The blank form, which the receptacle 17 is formed of, is shown in Figure 6 and initially the blank comprises a substantially rectangular sheet, generally designated as 26, which is adapted to be bent along a pair of parallel lines 27 and 28 so that the front walls 19 and 20 will be disposed in edge confronting relation and overlie the front face of the rear wall 18. The extension 23 is formed integral with the rectangular sheet 26 at substantially the center of one edge thereof and the bottom forming member 24 is also formed with the extension 23. The bottom forming wall 24 is adapted to be bent along the dotted line 29 so that in applied position the bottom forming wall 24 will be disposed at an acute angle with respect to the extension 23.

The receptacle 17 may be constructed as a new article of manufacture so that it may be applied to any conventional match package, or if desired the receptacle 17 may be dispensed with the match package 10. The matches after having been used and torn from the group held by means of the staple 16, may be inserted in the receptacle 17 through the open upper end 30 of the receptacle 17. By forming the bottom wall member 24 at an acute angle, with respect to the extension 23, when the burnt matches are dropped into the receptacle the heads thereof will be wedged between the bottom forming wall 24 and the extension 23, so that these matches will not readily fall out of the receptacle in the event the receptacle is accidentally inverted. The receptacle 17 is adapted to be formed out of cardboard or the like so that it can be manufactured at a very small cost.

If desired, the receptacle 17 may, after the match package 10 has been exhausted of matches, be applied to another full match package, the receptacle 17 being easily inserted on the package 10 by opening the cover 12 to a straight position with respect to the back wall 11, whereupon the cover 12 may be inserted between the back wall 18 and the two front walls 19 and 20. The free end of the cover 12 is initially inserted at the lower end of the receptacle 17 so that when the receptacle is in applied position, the bottom wall 24 will be positioned at the lower end of the package 10.

The receptacle hereinbefore described may be used for extinguishing the fire from a match by inserting the burning end of the match in the open end of the receptacle, and if necessary the receptacle may be compressed slightly to extinguish the flame thereof.

What I claim is:

1. As a new article of manufacture, an open top receptacle for removably coupling to a match

package having a back wall, said receptacle comprising a rear wall for opposing said back wall, a pair of side walls for spacing said rear wall from said back wall, a pair of spaced inner edgewise aligned front wall members merging into said side walls engageable between the matches and said back wall for removably coupling said body to the match folder, an extension depending from said rear wall and a V-shaped bottom structure including a rear portion depending from the lower end of said extension and an upstanding front portion engageable with the rear face of the lower part of the back wall of the match folder.

2. As a new article of manufacture, an open top receptacle for removably coupling to a match package having a back wall, said receptacle comprising a rear wall for opposing said back wall, a pair of side walls for spacing said rear wall from said back wall, a pair of spaced inner edgewise aligned front wall members merging into said side walls engageable between the matches and said back wall for removably coupling said body to the match folder, an extension depending from said rear wall and a V-shaped bottom structure including a rear portion depending from the lower end of said extension and an upstanding front portion engageable with the rear face of the lower part of the back wall of the match folder, the lower end of the said side walls and the said front wall members being spaced from and disposed above the front portion of said bottom structure.

3. As a new article of manufacture, an open top receptacle for removably coupling to a match package having a back wall, said receptacle comprising a rear wall for opposing said back wall, a pair of side walls for spacing said rear wall from said back wall, a pair of spaced inner edgewise aligned front wall members merging into said side walls engageable between the matches and said back wall for removably coupling said body to the match folder, an extension depending from said rear wall and a V-shaped bottom structure including a rear portion depending from the lower end of said extension and an upstanding front portion engageable with the rear face of the lower part of the back wall of the match folder, and an abrasive on the lower portion of the outer face of said rear wall.

4. As a new article of manufacture, an open top receptacle for removably mounting on a match package having a back wall, said receptacle comprising a pair of side walls, a rear wall forming means of greater length than said side walls, a pair of oppositely disposed inner edgewise aligned spaced front wall forming members of less length than said means engageable between the matches and said back wall for removably coupling the receptacle to the match folder and a V-shaped bottom including a rear portion depending from the lower end of said means and an upstanding front portion engageable with the lower part of the rear face of said back wall.

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