

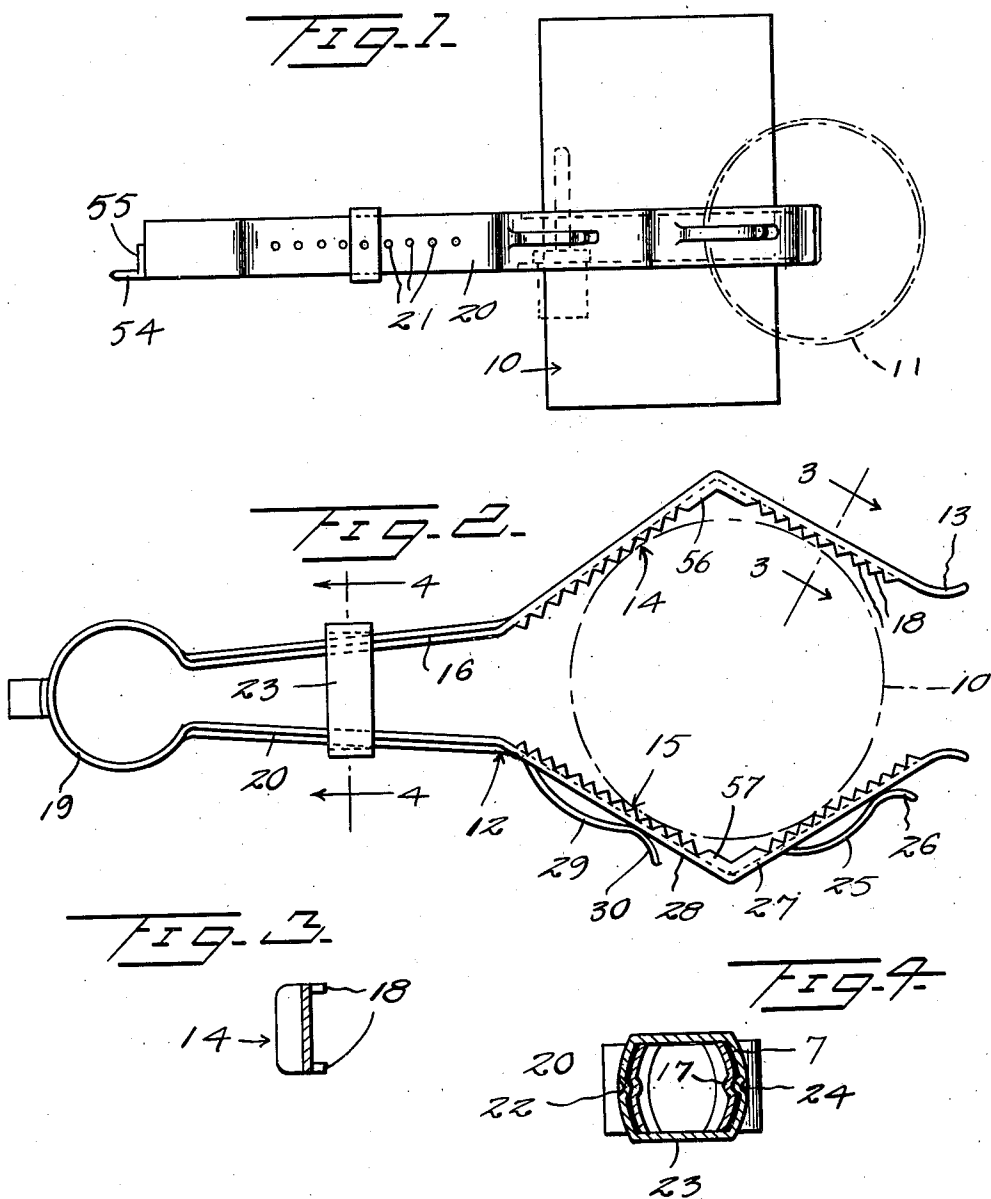
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R. R. RUNDELL
RECEPTACLE HOLDER

2,474,167

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2 Sheets-Sheet 1



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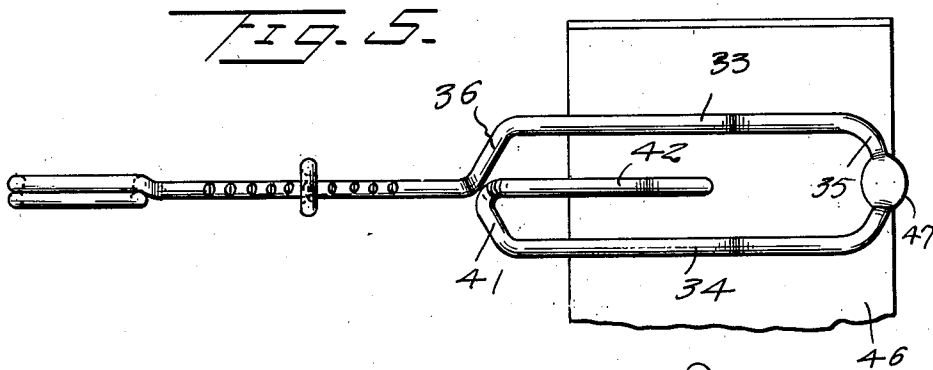
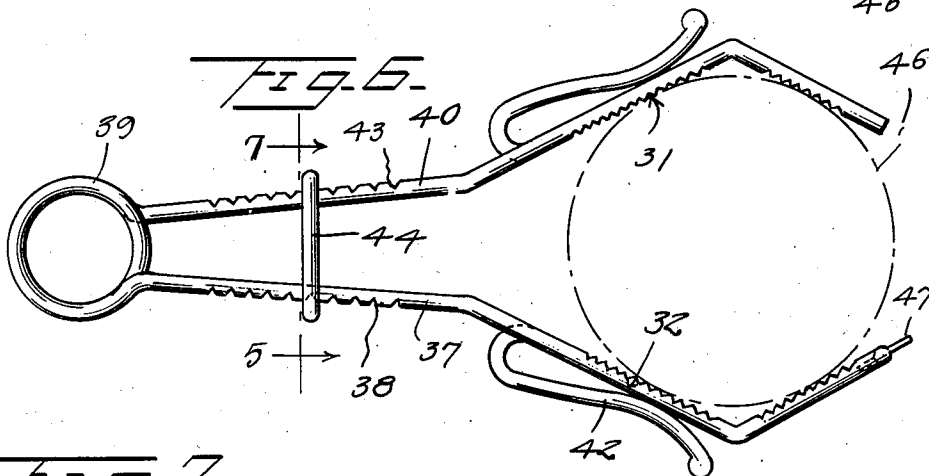
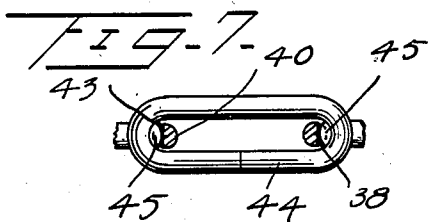
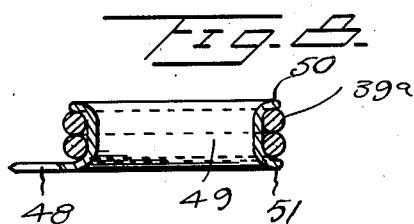
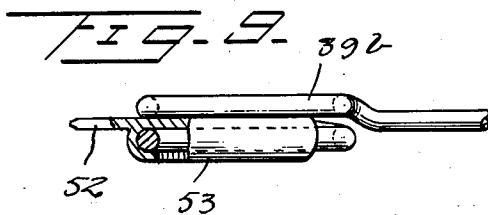
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

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RECEPTACLE HOLDER

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1 Claim. (Cl. 294—33)

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This invention relates to can or receptacle holders.

An object of this invention is to provide a holder including a handle whereby a receptacle such as a paint can or the like may be supported, the holder embodying means whereby the receptacle will be held against rotation and including means whereby the cover of the receptacle may also be supported at one side of the holder.

Another object of the invention is to provide a holder of this kind including a pair of opposed V-shaped jaws engageable about the exterior of the receptacle the jaws being carried by resilient arms which are drawn toward each other by means of a looped or ring-shaped clamping element.

A further object of this invention is to provide a holder of this kind which can be stamped out of a single piece of material, suitably shaped to provide the desired resilient or gripping means, including means for holding the cover of a can or receptacle and one or more additional articles.

A further object of this invention is to provide a holder of this kind including means whereby the cover or lid of the receptacle may be readily pried off.

With the above and such other objects in view as may hereinafter more fully appear, the invention consists of the novel construction, combination and arrangement of parts as will be more specifically described, and illustrated in the accompanying drawings wherein are shown embodiments 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 claims.

In the drawings:

Figure 1 is a detail side elevation of a receptacle holder constructed according to an embodiment of this invention.

Fig. 2 is a plan view of the device.

Figure 3 is a sectional view taken on the line 3—3 of Figure 2.

Figure 4 is a sectional view taken on the line 4—4 of Figure 2.

Figure 5 is a detail side elevation of a modified form of this invention.

Figure 6 is a plan view of the holder shown in Figure 5.

Figure 7 is a sectional view taken on the line 7—7 of Figure 6.

Figure 8 is a fragmentary sectional view taken from the rear end of a holder similar to that shown in Figures 5 and 6, showing a lid prying member mounted thereon.

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Figure 9 is a view similar to Figure 8, showing a modified form of lid prying means.

Referring to the drawings the numeral 10 designates generally a cylindrical receptacle which is provided with a lid 11, adapted to be frictionally engaged with the top of the receptacle. A receptacle holder, generally designated as 12, is adapted to be engaged with the periphery of the receptacle 10, and includes an opposed pair of V-shaped jaws generally designated as 14 and 15.

The jaw 14 is formed at its forward end with an outwardly curved member 13 and the rear end of jaw 14 has formed integrally therewith a straight elongated arm 16 which is of transverse arcuate configuration and is formed along the length thereof with a plurality of recesses 17. The recesses 17 constitute keepers for locking detents as will be hereinafter described.

The jaw 14, as shown in Figure 3, is provided at its upper and lower edges with inwardly extending V-shaped teeth 18 adapted to engage the periphery of the receptacle 10. The rear end of the arm or lever 16 is formed with a resilient loop 19 formed integral therewith, and the loop 19 has formed integral therewith a second arm or lever 20 extending divergently outward and formed integral at its outer end with the rear end of jaw 15.

The arm 20 is provided along the entire length thereof with a plurality of spaced apart recesses 21 which constitute keepers and which are engaged by detents 22 carried by a clamping ring or loop 23 slidable along the lengths of the two arms 16 and 20.

The clamping member 23 is also formed with detents or inwardly projecting members 24 engageable with the recesses 17 so that when clamping member 23 is moved outwardly to compress the arms 16 and 20, jaws 14 and 15 will be moved inwardly into clamping or gripping engagement with the exterior of the receptacle 10 and jaws 14 and 15 will be locked about the receptacle.

Jaw 15 has struck outwardly therefrom, a reversely curved resilient lid or cover holding member 25 which is formed with an outwardly directed forward end 26 so that the lid or cover may be readily moved inwardly to be clamped between the clamping member 25 and the outer surface of the forward side 27 of clamp member or jaw 15. The inner side 28 of clamp member 15 also has struck outwardly therefrom a reversely curved article holding member 29 and the forward end of holding member 29 is outwardly curved as at 30 so that the article may be

readily inserted between the free end of holding member 29 and the outer side of the jaw side 28.

Referring now to Figures 5 and 6 there is disclosed a modified form of this invention. In this modified form there is provided a pair of receptacle clamping jaw members 31 and 32 which are V-shaped in plan. The jaw members 31 and 32 are of like construction, and each includes an upper V-shaped wire or bar 33, and a V-shaped lower bar or wire 34. The two V-shaped members 33 and 34 are connected together at their outer ends by a connecting bar 35. The upper bar 33 extends rearwardly and is formed with a downwardly projecting extension 36 and the extension 36 is formed integral with a lever arm 37 having a plurality of notches 38 therein. The rear end of lever arm 37 is formed integral with a spiral coil 39 and coil 39 is then extended to form a second lever arm 40 which is disposed divergent with respect to arm 37. The rear end of the lower bar or jaw 34 is formed with an upwardly inclined extension 41 and an article holding hook 42 is formed integral with the extension 41 and extends forwardly, being positioned medially between the two jaw members 33 and 34. Lever arm 40 is formed with a plurality of notches or keepers 43 and a jaw compressing loop 44 is slidable on lever arms 37 and 40 and may be formed with inwardly projecting lugs 45 for engagement in selected recesses 38 and 40 so as to releasably hold the jaws 31 and 32 in clamping engagement with the receptacle 46. The connecting bar 35 is preferably flattened as at 47 so as to provide a lid opening blade.

Referring now to Figure 8 the loop 39a at the rear end of the handle formed by the lever arms shown in Figure 6, is adapted to have secured thereto a lid opening blade 48. The blade 48 is formed integral with a grommet 49 which is upset at its opposite ends, as indicated at 50 and 51, to firmly secure the grommet within the coils of the loop 39a. Blade 48 is adapted to project rearwardly so that when the lid is to be pried off from the receptacle jaws 31 and 32 may be used as a handle or lever with blade 48 engaged beneath the lid.

Referring now to Figure 9, there is disclosed another modified form of lid prying means wherein the rear coil 39b has secured thereto a lid prying blade 52. The blade 52 is carried by a grommet 53 and, in the present instance, the grommet 53 is cut out so that blade 52 will extend between the pair of coils forming the loop or coil member 39b.

In the use and operation of this holder the clamping loop 23 may initially be moved to a position near the resilient loop 19. The receptacle 10 may be then positioned between the jaws 14 and 15 whereupon loop 23 may be moved forwardly so as to draw lever arms 16 and 20 toward each other, and move clamping members

14 and 15 into clamping engagement with the receptacle 10.

The detents 22 and 24 engaging in selected recesses 17 and 21 will hold loop 23 in its clamping position. Loop 19 at the rear side thereof, has secured thereto a lid prying blade 54 which is formed with a right angular extension 55 welded or otherwise firmly secured to the rear side of loop 19. When the lid 11 has been pried from the receptacle 10 the lid may be engaged with holder 25. Another article, such as a brush or the like may also be engaged with respect to a resilient holder or clamping member 29. The lid and brush are shown in dotted lines engaged with their respective holders in Figure 1. In order to reinforce the jaws 14 and 15 at the angle of the bends thereof reinforcing flanges 56 and 57 are extended respectively across the angle of each of the bends at the upper and lower edges of the jaws.

I claim:

A receptacle holder comprising a pair of opposed V-shaped jaw members disposed with the divergent sides of one of said members confronting in facing relation the divergent sides of the other member, said jaw members each including a flat body portion, inwardly projecting teeth on the opposite edges of said body portion, a reinforcing flange on each edge of said jaw members at the apex thereof, rearwardly convergent arms carried by the rear end of said jaws, a resilient loop at the convergent end of said arms, an arm compressing ring around said arms and slidable along the length thereof, each of said arms formed with a series of longitudinally spaced apart recesses therein, said ring formed with inwardly extending detents engageable in selected recesses for releasably latching said ring in adjusted position longitudinally of said arms and holding said jaws in selected spaced apart position.

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