W. TUNNESSEN.

COVER FOR RECEPTACLES.

APPLICATION FILED MAY 31, 1911.

1,051,651. Patented Jan. 28, 1913.

Fig. 1.

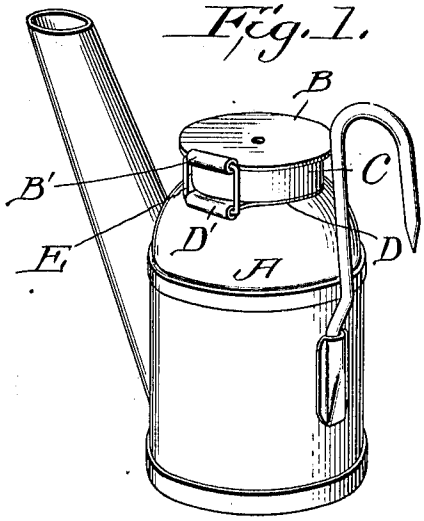


Fig. 4.

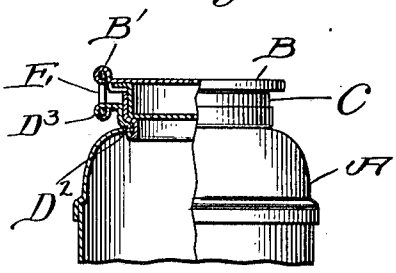


Fig. 2.

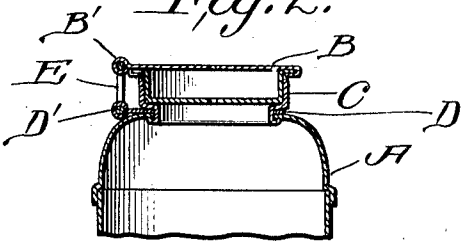


Fig. 5.

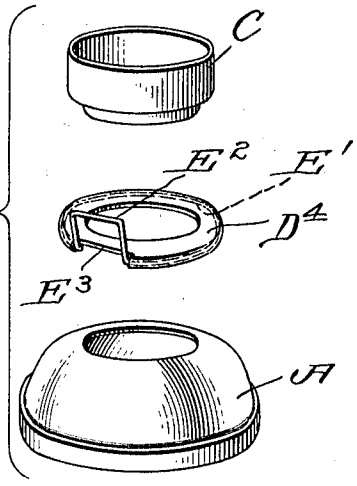
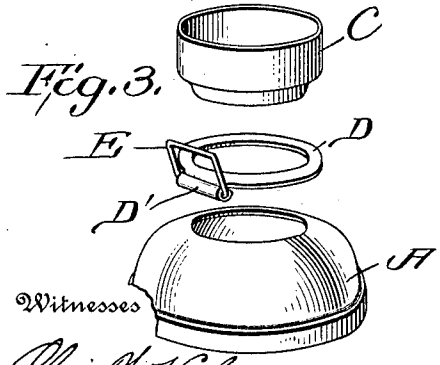


Fig. 3.



Witnesses

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COVER FOR RECEPTACLES.

1,051,651. Specification of Letters Patent. Patented Jan. 28, 1913.

Application filed May 31, 1911. Serial No. 630,417.

To all whom it may concern:

Be it known that I, WILLIAM TUNNESSEN, a citizen of the United States, residing at Hazleton, in the county of Luzerne and State of Pennsylvania, have invented a new and useful Improvement in Covers for Receptacles, of which the following is a specification.

This invention relates generally to miners' lamps and more particularly to the manner of connecting the top or cover to the said lamp.

The object of my invention is to provide a simple and efficient hinged construction which will completely eliminate the use of solder, thereby providing a lamp of simple and durable construction. Another object is to provide a hinge of such construction that considerable freedom of movement can be had therein so that the opening and closing operations will be rendered easier.

With these objects in view my invention consists essentially in connecting one member of the hinge between the neck and body portion of the can, said hinge member being secured at the same time the neck is secured in the body of the can thereby eliminating the use of solder, it being understood that the other member or members of the hinge which connect the top or cover is connected with this hinge member secured between the neck and body portions.

The invention consists also in certain details of construction hereinafter described and pointed out in the claims.

Figure 1 is a perspective view of a lamp embodying my invention. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a view showing the body of the can the neck thereof and the hinge member arranged therebetween prior to connecting these various parts together. Fig. 4 is a sectional elevation showing a very slight modification, and Fig. 5 is a view similar to Fig. 3 showing a modified construction.

Referring to the drawings A, indicates the body of the lamp and B, the cover thereof, said covering having an integral barrel or sleeve B′, formed at one side thereof as most clearly shown.

C, indicates the neck of the lamp the lower end of said neck being inserted in the top of the body portion and ordinarily connected therewith by crimping or rolling as most clearly shown in Fig. 2. Between the neck C, and the body portion A, I arrange one member of the hinge which in Figs. 1, 2 and 3 is shown in the form of a ring D, having an integral barrel or sleeve D′ formed upon one side thereof. This ring D, as before stated and as shown in Fig. 3 is placed between the neck and body portion when the parts are assembled and the crimping or rolling of the neck serves to fasten this member D, securely between the neck and body portion with the barrel or sleeve D′, projecting out to one side as most clearly shown in Figs. 1 and 2. In Fig. 4 the member D^2, is in the form of a flange or channel ring having an integral laterally projecting barrel or sleeve D^3, while in Fig. 5 the member D^4, is in the form of a concavo-convex ring, the concave side thereof being adapted to rest contiguous to the top of the body portion A, and seated within the concave ring is a wire bail or link E′, said wire link being extended laterally and bent upwardly at one side as shown at E^2, the concave ring being cut away as shown at E^3, in order to form this laterally projecting end and upwardly extending portion of the wire link or bail. As before stated this hinged member is arranged between the neck C, and body A, the same as the other construction and the crimping or rolling of the neck for the purpose of connecting said neck and body also serves to connect this concaved ring with the wire link therein. This construction also eliminates the use of solder.

In the constructions shown in Figs. 1, 2, 3 and 4 a wire link E, connects the barrel or sleeve of the cover with the barrel or sleeve of the hinged member connected to the body as before described, whereas in the construction shown in Fig. 5 the barrel or sleeve of the top or cover will be connected to the upwardly extending portion E^2, of the wire link or bail E′. The function and operation of the cover however are identical in all constructions. A cover having a hinged connection as herein shown and described can be quickly and easily opened and closed and the elimination of solder insures a very strong and durable hinged connection.

What I claim is:—

1. In a receptacle, a cover, a body portion, and a neck portion, a sleeve formed integral with the cover, a ring interposed between the neck and body portions and means carried by said ring for loosely engaging the said sleeve.

2. A device of the kind described comprising a receptacle having a body portion, a neck portion, and a cover, said cover carrying a sleeve, a ring arranged between the neck and body portions, the neck portion being crimped, said crimping securing the said ring in position, and means carried by said ring adapted to loosely pass through the sleeve of the cover.

3. The combination with a receptacle having neck, body and cover portions, the body and neck portions being crimped together, a ring secured between said body and neck portions, and secured in position by crimping of the neck portion, a sleeve carried by the cover, and means connected to said ring for engaging said sleeve.

4. A device of the kind described comprising a body a neck and a cover portion, a sleeve formed integral with the cover portion, a ring held between the neck and body portions, a sleeve carried by said ring and a link adapted to engage both of said sleeves.

5. A device of the kind described comprising a receptacle having a body portion, a neck portion adapted to fit within the body portion, and a cover adapted to fit over the neck portion, a ring arranged between the body and neck portions, a sleeve carried by said ring and projecting from said body portion, and a link carried by said sleeve and adapted to loosely engage a portion of said cover, thereby loosely connecting the cover to the body portion of the receptacle.

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Witnesses:
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