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2,362,251

JEWELRY CLEANER

Filed March 9, 1942

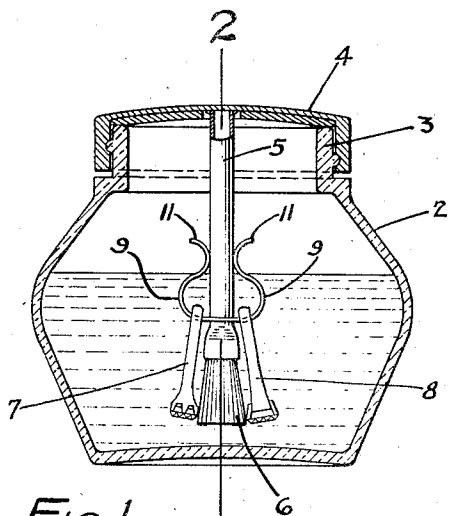


FIG. 1

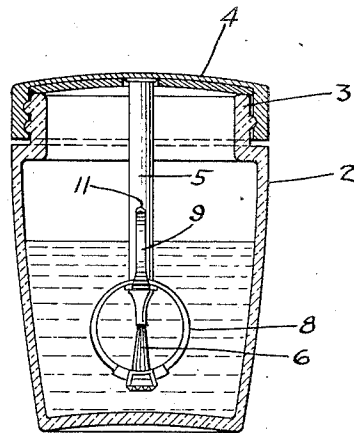


FIG. 2

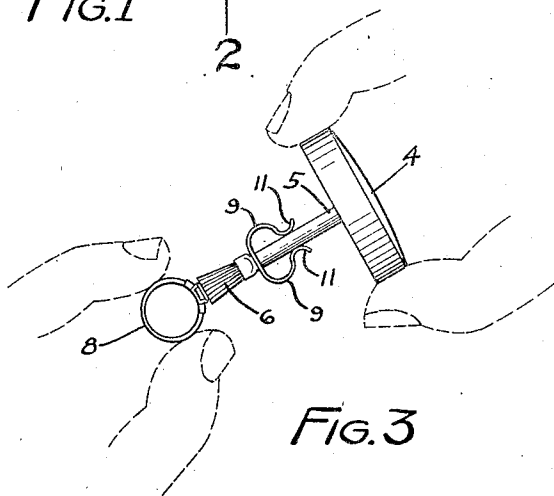


FIG. 3

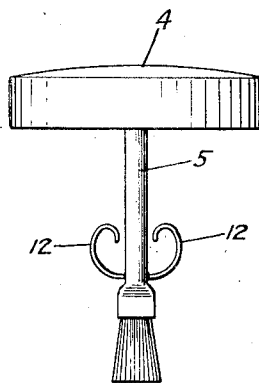


FIG. 4

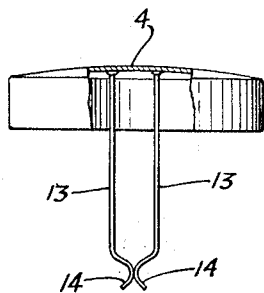


FIG. 5

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JEWELRY CLEANER

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1 Claim. (Cl. 15—105)

This invention relates to an improved device for cleaning jewelry and analogous articles.

An object of the present invention is to provide a simple and inexpensive device for cleaning finger rings and other small pieces of jewelry, whereby the operation of thoroughly cleaning such items may be conveniently accomplished.

A further object is to provide a jewelry cleaner comprising a container having a suitable cleaning fluid therein and provided with a closure, and means being provided on the closure for supporting a ring or other article within the fluid in the container and whereby the ring or article may readily be inserted into the fluid or removed therefrom.

A further object is to provide a device of the class described comprising a container having a closure therefor provided with a stem which depends into the container, and a spring clip or hook element being secured to the lower end portion of the stem adapted to receive and support a finger ring or other article, whereby said ring or article may be submerged within the fluid in the container.

A further object is to provide a finger ring cleaner comprising a container having a suitable closure to which a stem is secured, which stem depends into the container and is provided at its lower end portion with opposed spring clips or hooks for supporting a ring or other article within the container, and a suitable brush being secured to the lower end of the stem adapted to facilitate the cleaning of the mounting of the ring, whereby the latter may be thoroughly cleaned with a minimum of effort.

Other objects of the invention will appear from the following description and accompanying drawing and will be pointed out in the annexed claim.

In the accompanying drawing there has been disclosed a structure designed to carry out the various objects of the invention, but it is to be understood that the invention is not confined to the exact features shown as various changes may be made within the scope of the claim which follows.

In the drawing:

Figure 1 is a vertical sectional elevation of the device showing two finger rings supported within the liquid contained therein;

Figure 2 is a vertical sectional view substantially on the line 2—2 of Figure 1;

Figure 3 is a view showing the closure removed from the container and illustrating how the

brush element may be used in the operation of cleaning the mounting of a ring;

Figure 4 is a view showing a stem provided with hook elements which may be more or less rigid; and

Figure 5 is a view showing a construction in which the stem has been eliminated, and two resilient clips or prongs are provided on the cover for supporting the articles.

The novel jewelry cleaner herein disclosed is shown comprising a suitable container, generally designated by the numeral 2, having a screw threaded top 3 adapted to receive a suitable closure 4. The closure 4 is shown provided with a stem 5 which preferably has a suitable brush 6 secured to its lower end, as shown.

An important feature of the present invention resides in the means provided on the stem 5 for supporting one or more finger rings 7 and 8 within the container, as shown in Figures 1 and 2. Furthermore, as clearly shown in Figures 1 and 2, the supporting means for the finger rings are so positioned on the stem 5 with respect to the brush element 6 as to allow the brush to act as a buffer for the depending finger rings, thus preventing the rings from contacting and scratching each other when in the cleaning solution. The means provided for thus supporting a ring or other article to be cleaned, is shown comprising a pair of oppositely disposed resilient clips or hook elements 9, having their lower portions suitably secured to the stem 5 and their upper terminals 11 outwardly curved from the stem 5, as shown in Figure 1. The resilient clips or hook elements 9 are preferably so shaped that the upper end portions thereof normally engage the stem 5, as shown.

A ring 7—8, or other article to be cleaned, may readily be engaged with a hook 9 by simply forcing it between the stem and upper terminal 11 of the hook, whereby the latter will flex outwardly to permit the ring to assume the position shown in Figures 1 and 2.

A suitable cleaning fluid is provided in the container to substantially the level shown in Figures 1 and 2, although the level is not particularly important. It is to be understood, however, that sufficient fluid or liquid is preferably introduced into the container to completely submerge the article to be cleaned, as shown in Figures 1 and 2.

In the operation of cleaning a finger ring, the ring is placed on one of the hook elements 9, when the cover is detached from the container. The cover is then secured to the container, as shown in Figures 1 and 2, whereupon the ring

will be submerged in the cleaning fluid. The cleaning fluid is preferably of such a nature that after the ring or other article has been submerged therein for a short period of time, all foreign matter which may have accumulated thereon, and particularly in the mounting of the ring, will become dissolved by the fluid so that when the container with the cover securely attached thereto is slightly shaken, the turbulence of the fluid within the container will thoroughly flush and clean the foreign matter from the mounting, as will readily be understood.

Should the above operation fail to remove all of the foreign matter from the ring or other article being cleaned, the ring may be removed from the container and held between two fingers of one hand, and the brush 6 applied to the ring with the other hand, as shown in Figure 3, whereby all foreign matter may be quickly removed from the mounting. The ring may then again be attached to the stem 5 of the enclosure, and the latter replaced on the container to again submerge the ring in the cleaning fluid, whereby a slight shaking movement of the container will thoroughly flush and cleanse the ring of foreign matter.

In Figure 4 I have shown a construction in which the stem 5 is provided with semi-rigid inwardly turned hook elements 12—12, which are so shaped that when a ring or other article is supported thereon, a shaking motion imparted to the container will not permit the ring or article supported on the hooks 12 to become disengaged therefrom.

In Figure 5 I have shown a construction in which the stem has been omitted and in lieu thereof two resilient cooperating fingers 13—13 are secured to the closure and depend therefrom into the container. The lower terminals 14

of the resilient fingers 13 normally engage each other, as shown, and because of the unique shape of the lower ends 14 of the fingers 13, a ring or other article may readily be inserted therebetween, as will be understood.

The novel jewelry cleaner herein disclosed has been found very practical and efficient in operation. It is extremely simple and inexpensive, and with the proper kind of cleaning fluid a ring or other piece of jewelry may be quickly and thoroughly cleaned of all foreign matter with a minimum of effort.

It will be apparent to those skilled in the art that I have accomplished at least the principal objects of my invention, and it will also be apparent to those skilled in the art that the embodiments herein described may be variously changed and modified, without departing from the spirit of the invention, and that the invention is capable of uses and has advantages not herein specifically described; hence it will be appreciated that the herein disclosed embodiments are illustrative only, and that my invention is not limited thereto.

I claim as my invention:

In a device of the class described, a container having a cleaning fluid therein, a closure for the container, a stem secured to and depending from said closure into the cleaning fluid, a flexible cleaning element carried on the lower portion of said stem, opposed means on said stem for receiving and supporting rings or other articles in the cleaning fluid, said opposed means being so positioned with respect to said flexible cleaning element as to permit said last mentioned element to act as a buffer to keep the supported rings or other articles from contacting each other.

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