July 16, 1929. J. J. BRELL 1,721,067

HOLDER FOR SCOURING DEVICES

Filed Aug. 23, 1927

Fig. 1.

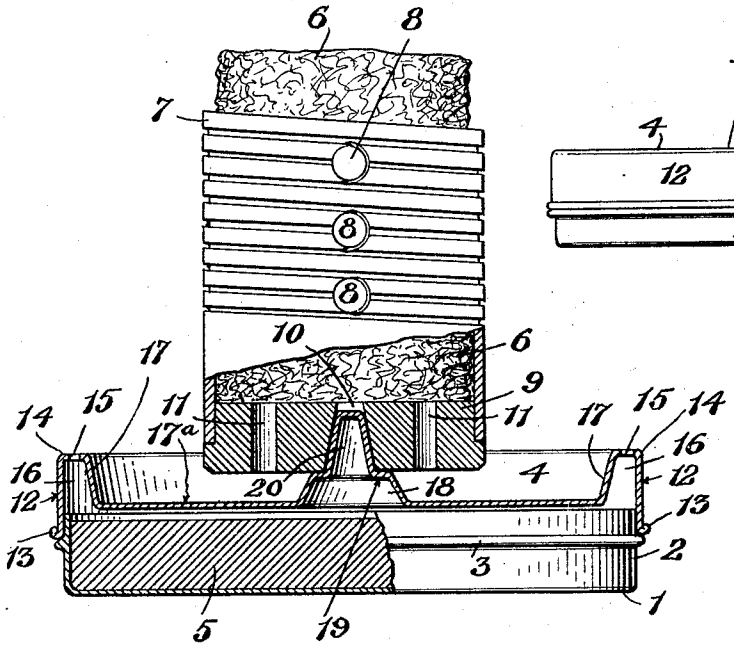


Fig. 3.

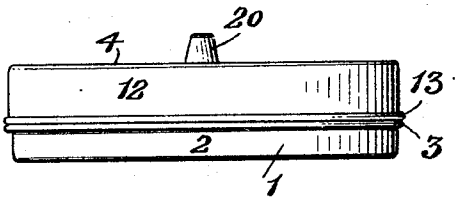
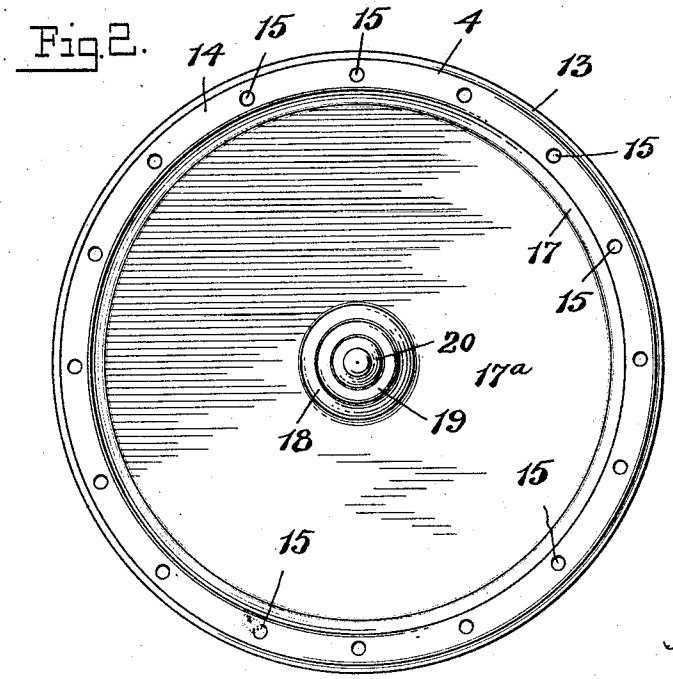


Fig. 2.



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UNITED STATES PATENT OFFICE.

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HOLDER FOR SCOURING DEVICES.

Application filed August 23, 1927. Serial No. 214,834.

This invention relates to a holder or container intended for containing scouring or polishing materials and has for its object to provide such an article in compact form which shall be so designed and constructed that the same may not only act as a container for an abrasive compound in cake-like form, but shall also act as a support for a polishing device primarily composed of metallic wool or the like.

A further object of the invention is to provide an inexpensive type of container which will keep together the polishing abrasive and such substance as may be used on the same to aid in the polishing operation.

A still further object of my invention is to provide a container for a polishing compound which container will be formed with a supporting means for steel wool, which supporting means shall have a means for facilitating the drainage of water used for the polishing operation.

With these objects and such other objects as may hereinafter appear, in view, I have devised the particular arrangement of parts described hereinafter and more particularly pointed out in the claims appended hereto.

Reference is to be had to the accompanying drawing, forming a part hereof in which

Figure 1 is a vertical sectional view of my improved holder or container showing the same supporting a metallic wool scouring stick;

Figure 2 is a plan view of the container; and

Figure 3 is a side elevation of the container.

Throughout the various views of the drawings, similar reference characters designate similar parts.

In the embodiment of my invention disclosed in the accompanying drawing, 1 indicates the containing part or body portion of the container. The same is preferably made of sheet metal and is in the nature of a shallow receptacle having the usual circumferential wall or flange 2 provided with an integrally formed bead 3 which acts as a rest or stop for the cover member 4.

The containing portion 1 of the device is usually packed with a cleaning compound or soap-like material 5 which is usually applied to pots and pans by steel wool or other abrasive material. In my improved article, the steel wool is shown at 6 and the same is preferably in the form of a stick produced by packing it within a tubular covering 7 of rubber or similar material. The covering 7 is adapted to be torn away when required to expose the steel wool as the same wears through use. This tearing operation is facilitated by the use of punched-out tabs 8 in the covering 7.

In one end of the tubular covering 7 is fitted a rigid block or stiffening member 9 which is provided with a central conical opening 10 and a plurailty of separate drain openings 11. The scouring or polishing device just described forms the subject matter of my co-pending application for patent, Serial No. 214,835, filed August 23, 1927.

The cover member 4 is preferably made of pressed metal and the same comprises a circumferential flange 12, whose lower edge terminates in a bead 13. The flange 12 is adapted to snugly fit over the flange 2 on the body of the container in the conventional way to close the container. If desired, screw threads may be formed on the flanges 2 and 12 to effect the usual closure. The flange 12 continues inwardly to provide a raised part or rim 14 which is provided with a plurality of perforations 15, these perforations leading into a circumferential space 16 located between the flange 12 and an inner flange 17. The perforations 15 act to admit air to the interior of the container which consequently reaches the polishing compound 5 and acts to dry excess moisture that may accumulate on the surface of the polishing material after it has been used.

It will be seen that the flanges 12 and 17 act to provide a continuous circumferential wall around the cover member 4 and this wall co-operates with the integral, depressed top plate 17ª to form a catch basin for drainage water, which drains out of the scouring stick through the perforations 11 therein, after the stick has been used for polishing or scouring. For the purpose of supporting the scouring stick, I provide a support which consists of a pressed out member 18 which is provided with a supporting shoulder 19 on which the member 9 of the scouring stick rests.

The supporting standard 18 is also provided with a further upwardly pressed part 20, which forms a conical stud fitting into

the conical opening 10 located in the center of the block 9.

From the foregoing, the manner in which my improved device is used will be readily understood. The completed can and its contents may be sold with a stick of steel wool such as is disclosed. To use the device, the cover member 4 is removed to expose the polishing preparation which may be readily applied to the steel wool that is exposed at the end of the stick. After the polishing operation is completed, the cover member 4 may be replaced and the stick of steel wool, which is by that time more or less saturated with water, may be stood upright on the support 18 with the conical stud 20 entering into the conical opening 10 in the block 9. When in this position, as is disclosed in Figure 1, it will be seen that the accumulation of water absorbed by the steel wool may readily drain from the wool by passing out through the drain holes 10 and 11 in the block 9. Such drain water will be caught by the basin provided by the depressed top 17ª of the cover 4 and the surrounding wall composed of the flanges 17 and 12. It will be seen that such water as may accumulate within the container will be readily evaporated by the entry of air through the air perforations 15.

From the foregoing, it will be seen that I have provided a container which not only holds the polishing compound in an exceedingly compact manner, but it maintains the same in a fresh and clean condition. In addition, the container is provided with means for receiving and holding the steel wool, permitting thorough drainage of the same, and simultaneously acting to keep together the two things required for scouring, that is, the wool abrasive and the polishing compound.

It will be understood that many changes may be made in my construction, without departing from the spirit of my invention, in that the box may be shaped to suit various requirements or designs and the support for the steel wool abrasive may be arranged in various ways to accommodate the manner in which the wool is supplied for scouring purposes.

Having described my invention, what I claim is:

1. An article of the class described comprising a container for a polishing compound, said container having a cover member provided with a depressed portion forming a catch basin, and means on said cover for removably supporting an abrasive polishing device above said depressed portion.

2. An article of the class described comprising a container having a body portion, a cover adapted to fit over the same, said cover having a depressed top and a surrounding wall forming a shallow basin and means on said top for holding a polishing device to permit drainage therefrom to be caught by said basin.

3. An article of the class described comprising a container having a top and means on said top for receiving and removably holding an abrasive device in a substantially upright position to permit drainage of water therefrom.

4. An article of the class described comprising a container for a polishing compound, a cover therefor, said cover having a depressed central portion, a wall surrounding the same and an elevated pedestal adapted to receive and removably hold a polishing device.

5. An article of the class described comprising a container for a polishing compound, a cover therefor having a shallow well in its upper face, a central raised portion in said well, and a stud projecting from said raised portion for receiving and removably holding an abrasive device in an elevated position above the well.

6. An article of the class described comprising a container, a cover therefor having a depressed top plate forming a catch basin and a hollow circumferential wall, a central raised portion in said plate for supporting a scouring device and a stud extending upward from said raised portion for entering a recess in the scouring device supported on the raised portion.

7. An article of the class described comprising a container for a polishing compound, said container having a cover provided with a basin in its top for catching drain water from a scouring device placed thereon, said basin being surrounded by a hollow wall, and perforations in said wall leading to the interior of the container.

8. An article of the class described comprising a container, a cover therefor having a shallow basin, and a support extending from said basin for removably holding a polishing device elevated above said basin whereby drainage water from said device will be caught in said basin.

9. An article of the class described comprising a container for a polishing compound, said container having a cover member provided with an upstanding projection extending from its face over which a polishing stick having an opening is adapted to be dropped and surround a part of said projection, and a shoulder on said projection located at a distance above the upper face of the cover adapted to rest against the bottom of the stick and hold said stick removably elevated above the upper face of the cover.

Signed at the city, county and State of New York, this 22nd day of August, 1927.

JULES J. BREIL.