(No Model.)

H. CONE.

SELF FASTENING RIM FOR JARS OR VESSELS.

No. 484,779. Patented Oct. 25, 1892.

Fig. 1.

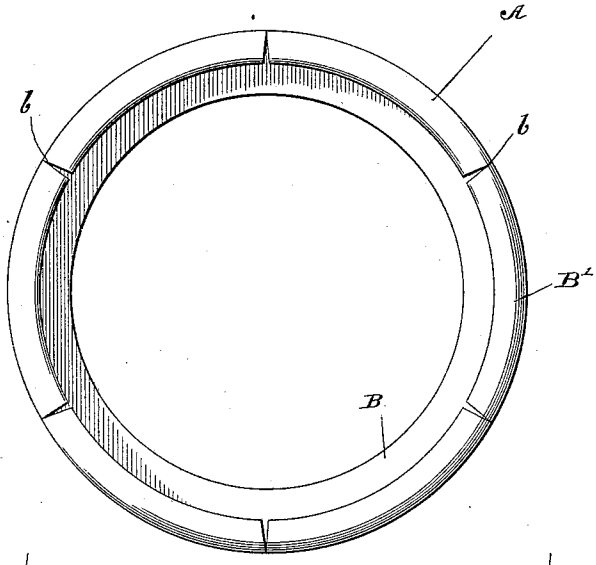


Fig. 2.

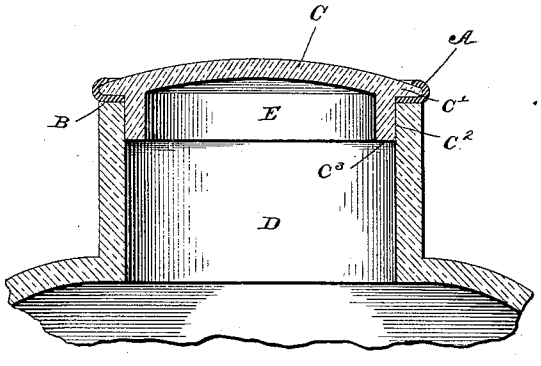


Fig. 3.

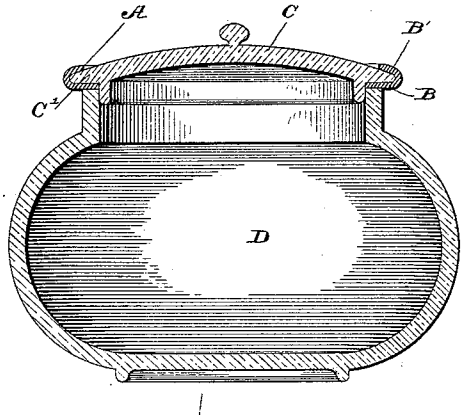


Fig. 4.

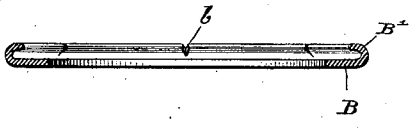
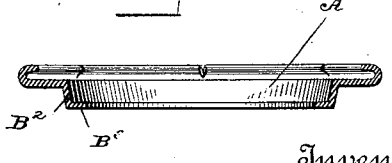


Fig. 5.



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UNITED STATES PATENT OFFICE.

HENRY CONE, OF ALAMEDA, CALIFORNIA.

SELF-FASTENING RIM FOR JARS OR VESSELS.

SPECIFICATION forming part of Letters Patent No. 484,779, dated October 25, 1892.

Application filed January 6, 1892. Serial No. 417,131. (No model.)

To all whom it may concern:

Be it known that I, HENRY CONE, a citizen of the United States, residing at Alameda, in the county of Alameda and State of California, have invented certain new and useful Improvements in Self-Fastening Rims for Jars or other Vessels; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My present invention relates to an improvement in self-fastening rubber rims for use in connection with the covers of crocks, vessels, candy-jars, drug-store jars, and the like, the object of the invention being to provide a simple, cheap, and efficient device for attachment to said covers by means of which the operation of the cover will be rendered noiseless, and making the receptacle to which the cover is applied almost air-tight and preventing breaking by careless handling; and the invention therefore consists in the construction, arrangement, and combination of the device, substantially as will be hereinafter described and claimed.

In the accompanying drawings, illustrating my invention, Figure 1 is a top plan view of my improved self-fastening rim. Fig. 2 is a vertical longitudinal section of a candy-jar and its cover, showing my improvement applied thereto. Fig. 3 is a similar view of a chamber-vessel and its cover with my device applied thereto. Fig. 4 is a detail vertical section of the rim or ring attachment. Fig. 5 is a similar view of a modified form of the same.

Similar letters of reference designate corresponding parts in the several figures of the drawings.

In the drawings, A denotes my improved attachment for the covers of vessels, chambers, jars, and the like. This rim or ring A is shown as circular in shape; but it is of course evident that it may be made in any other shape to adapt it for other forms of vessels or receptacles and of any desirable size and pattern.

The under portion or flange B of the ring or rim A is made flat and of a width sufficient to cover the under portion of the outer flange C′ of the cover C belonging to a jar or other vessel D and of a thickness sufficient to form an air-tight joint and prevent breakage of the parts of the vessel or cover and also to prevent any noise. (See Figs. 2 and 3.) Integral with the flat portion or under flange B is formed a rounding flange or lip portion B′, which is only made wide enough to barely overlap the upper portion of the outer flange C′ of the cover C. This upper flange or lip portion B′ is provided with cuts or notches *b* at suitable points around its periphery. There may of course be any number of these notches. They are provided for the purpose of enabling the rim to be more easily adjusted upon the cover C of a vessel without too much stretching or straining. This whole device is made of rubber or other suitable elastic material molded in the form herein described.

The manner of applying this rim or ring to the cover of a jar or other vessel will be evident from the foregoing description of its construction and arrangement. All that needs to be done is to lift slightly the lip portion B′ of the ring A, then insert the outer flange C′ of the cover C under the sections B′, after which the lip portions will spring back by their own resiliency upon the cover, and this operation is continued until the entire lip has been suitably secured upon the cover, as shown in Figs. 2 and 3. The cover can then be placed upon the receptacle, thereby forming an air-tight connection between the cover and the receptacle and also preventing the breaking of the same by careless handling and in the case of chamber-vessels preventing any unpleasant odors from arising therefrom.

In Fig. 5 I have shown a modification of my rim attachment, which is substantially the same as that shown in the other figures of the drawings, with the exception that the under flange or flat portion B of the ring A is continued in a downward direction, as at B^2, and thence in an inward direction, as at B^3. By this construction the sides C^2 and bottom C^3 of the inner flange E of the cover C are prevented beyond all possibility from making any noise or being nicked or broken by reason of the careless handling of the cover while it is being placed upon the receptacle.

Suitable changes may be made in the con-

struction of this ring or attachment to suit the exigencies and circumstances of different cases without departing from the spirit of my invention.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The ring A, consisting of the wide lower flat rim B, the integral upper lip portion B′ for securing the ring to the cover of the vessel, and the cuts or notches *b* for enabling the ring to be easily adjusted upon the vessel, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY CONE.

Witnesses:
LINCOLN SONNTAG,
CHARLES GOSSEP.