(Model.)

W. H. BRUNT.

SCREW THREAD FOR UNITING ARTICLES OF GLASS AND CROCKERY WARE.

No. 269,001. Patented Dec. 12, 1882.

Fig. 1.

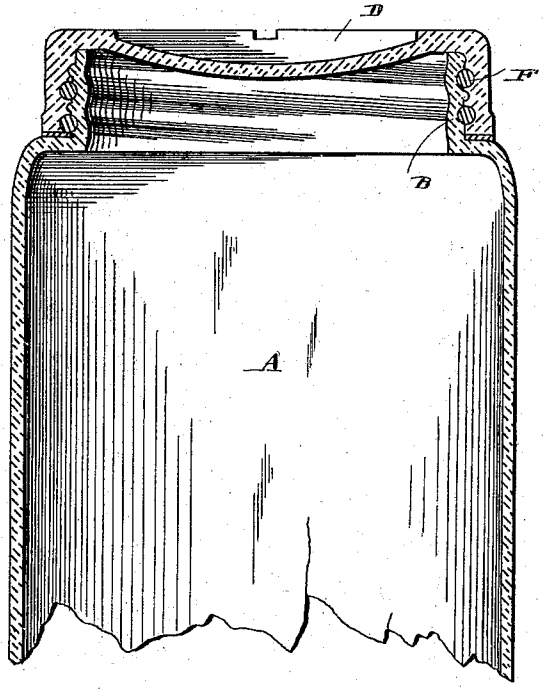
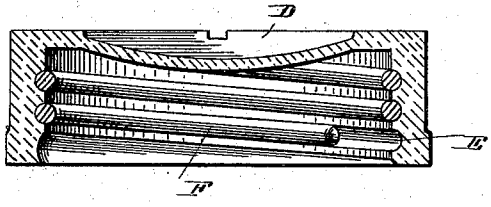


Fig. 2.



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UNITED STATES PATENT OFFICE.

WILLIAM H. BRUNT, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO VOIGT, WARD & CO., OF SAME PLACE.

SCREW-THREAD FOR UNITING ARTICLES OF GLASS AND CROCKERY WARE.

SPECIFICATION forming part of Letters Patent No. 269,001, dated December 12, 1882.

Application filed October 24, 1882. (Model.)

To all whom it may concern:

Be it known that I, WM. H. BRUNT, of Pittsburg, in the county of Allegheny, and in the State of Pennsylvania, have invented certain new and useful Improvements in Screw-Threads for Uniting Articles of Glass and Crockery Ware; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in the construction of articles of glassware, crockery, or other material which are formed in separate parts, to be afterward united; and it has for its objects to provide certain improved means for securing the parts together and forming a secure and perfect joint, as more fully hereinafter specified. These objects I accomplish by the means illustrated in the accompanying drawings, in which—

Figure 1 illustrates a vertical sectional view of a fruit-jar and cap, showing my invention; and Fig. 2, a sectional view of the cap detached, showing the connecting device.

The letter A indicates a jar of glass or crockery, having the exterior of its mouth constructed with a spiral or screw groove, B; and D indicates the cap or cover, which may be constructed of glass, crockery, or other suitable material, with an internal spiral or screw groove, E, corresponding to the groove in the neck of the jar on the exterior of the mouth, as before mentioned.

The letter F indicates a coiled or convolute wire bent so as to set loosely between the respective grooves or recesses in the jar or cap.

It will be observed that the wire forms a screw-thread which will hold the parts together, making a strong metallic connection, which will hold the parts much more securely than where the intergearing threads are formed directly in the material of the jar or other article.

For the purposes of illustrating my invention, I have shown it as applied to a fruit-jar; but it is evident that it may be applied to all articles of glassware—such as bottles, lamps, and their supports—and to other purposes where glass or earthenware articles are made in separate parts, to be subsequently connected together, without departing from the spirit of my invention; also, it will be seen that the screw or spiral groove, instead of being formed on the outside of the neck of a jar or other article, may be formed on the inside of the same, and the corresponding groove may be formed on the outside of the stopper or cap. It will be further evident that the grooves, instead of being semicircular in cross-section, may be angular or polygonal, and the wire of corresponding shape.

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

The combination, in an article of glassware constructed in two parts and provided with corresponding screw-grooves, of the loose wire interposed between the parts to interlock the same, substantially as specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 18th day of October, 1882.

WM. H. BRUNT.

Witnesses:
CHAS. D. DAVIS,
H. A. TOULMIN.