

No. 703,155.

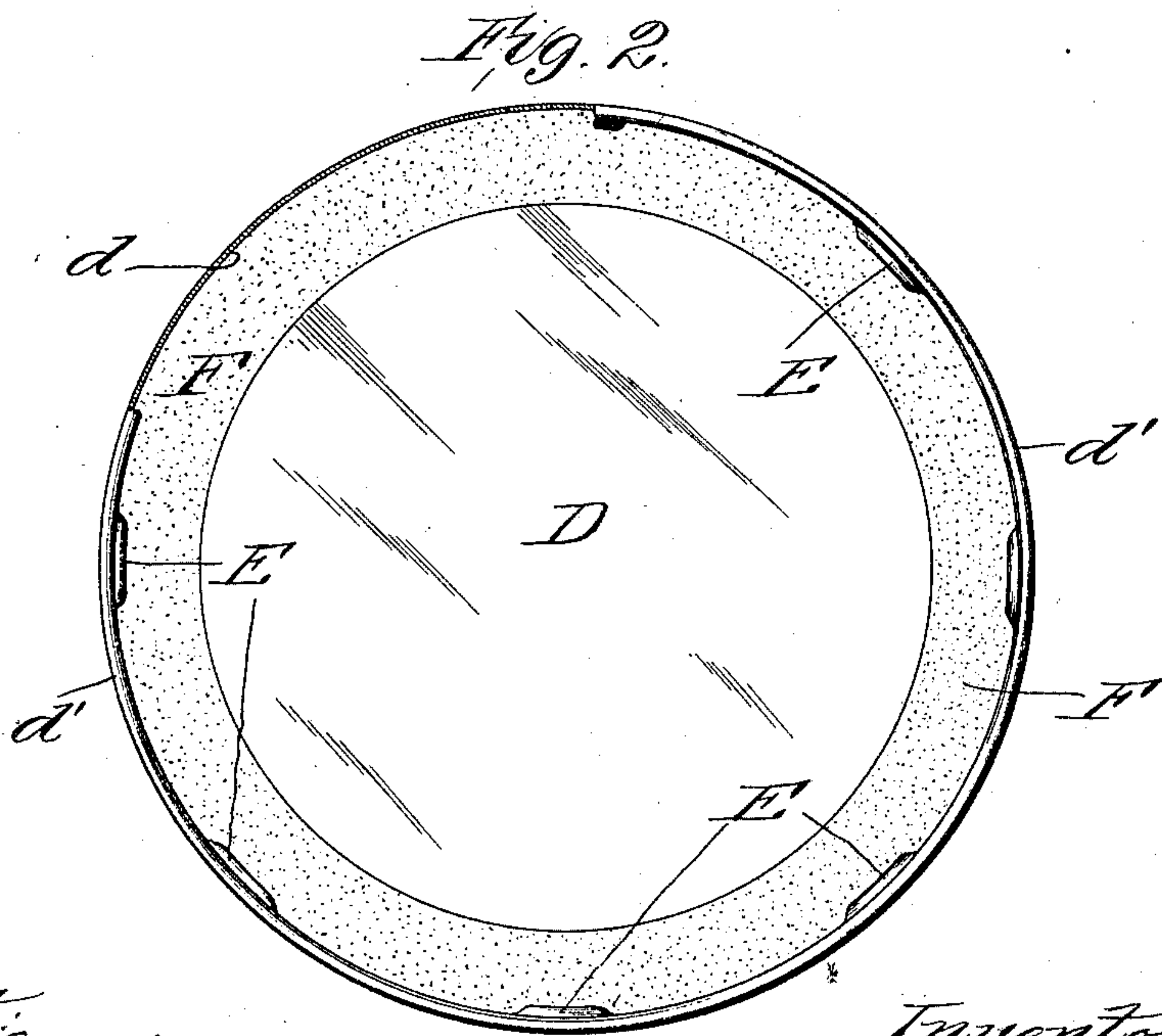
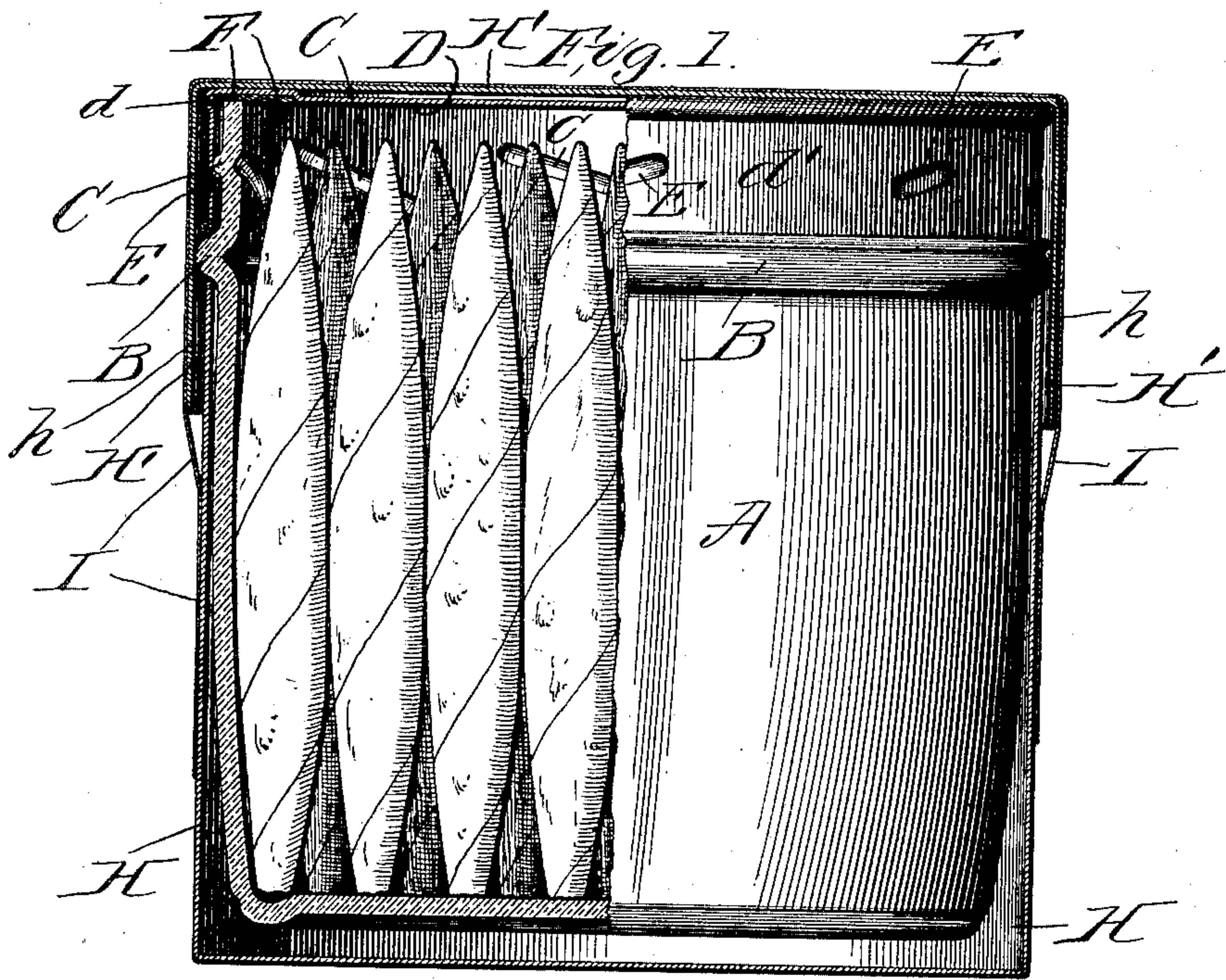
W. C. SCHUTZ.

Patented June 24, 1902.

JAR.

(Application filed July 29, 1901.)

(No Model.)



Attest:
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UNITED STATES PATENT OFFICE.

WILLIAM C. SCHUTZ, OF ST. LOUIS, MISSOURI, ASSIGNOR TO F. R. RICE
MERCANTILE CIGAR COMPANY, OF ST. LOUIS, MISSOURI, A CORPORATION OF MISSOURI.

JAR.

SPECIFICATION forming part of Letters Patent No. 703,155, dated June 24, 1902.

Application filed July 29, 1901. Serial No. 70,076. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM C. SCHUTZ, a citizen of the United States, residing at the city of St. Louis, State of Missouri, have invented a certain new and useful Improvement in Jars, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is an elevation illustrating the jar and its casing, the casing being shown in section and the jar being shown partly in section and partly in side elevation; and Fig. 2 is a bottom plan view of the jar-cover with the gasket in place thereon, a portion of the depending flange of the cover being broken away to more clearly show the gasket.

My invention relates to jars, and more particularly to packing and shipping cases therefor and also to certain features of the jar itself.

My objects are to provide a jar-casing which can be readily applied to the jar and in which the jar is so positioned and arranged that said jar is not subject to injury by blows received in handling or shipping, to provide a gasket for use between the jar-body and its cover which is not influenced by moisture and is strong enough to withstand the rotatory movement of the cover during its seating, and to so construct the jar that there is avoided liability of injury to the gasket by the jar itself during the operation of seating the cover.

To these ends and also to improve generally upon devices of the nature indicated my invention consists in the various matters hereinafter described and claimed.

The present invention has been applied to glass jars for containing cigars, but it will be apparent that it can be applied to jars of other types and for other purposes.

Referring now more particularly to the drawings, A represents the jar, which, as above indicated, has been made of glass, and D indicates the jar-cover, this cover being constructed of metal and having the usual depending annular flange d' . Suitable broken

screw-threads C upon the jar are engaged in a well-known manner by bosses E upon the cover-flange d' for the purpose of wedging the cover upon the upper edge of the jar-wall, a gasket F being interposed between the said edge and the cover and being sprung into the annular recess d , formed in the upper edge of the cover. An outwardly-projecting flange or annulus B is formed upon the jar a suitable distance below its top, and, for a purpose to be more fully hereinafter described, the depending flange d' of the cover extends substantially to the upper edge of this annulus.

The casing is preferably constructed of pasteboard and comprises the receiving or main section H and the top or cover H'. The receiving-section conforms generally to the contour of the jar, (being in the present instance cylindrical,) but has its interior diameter slightly greater than the exterior diameter of the jar, while the length of said section is somewhat greater than the distance between the flange B and the jar-bottom. Thus when the jar is inserted into this main section of the casing the flange B rests upon the upper edge of said casing and the jar is suspended within the section H. The casing-cover H' has an interior diameter substantially equal to the exterior diameter of the flange B, whereby when said cover is applied it fits snugly upon said flange, and the depending flange h of the cover is of a greater length than is the distance between the top of the jar-cover and the flange B, whereby said casing-cover flange overlaps the main casing-section, and said main section is thus confined between the jar and said casing-cover flange, any undue tilting of said main casing-section being thereby prevented.

The difficulty attending the fitting of a pasteboard or like cover upon its box when said cover and box are made to fit each other snugly is well known. By constructing the main casing section and cover as above indicated this difficulty is entirely obviated, and the glass flange B being smooth and preferably rounded, as illustrated, the application of the casing-cover is greatly facilitated, the edge of the cover-flange engaging and being guided by this rounded projection or flange.

The main casing-section and its cover are preferably secured together by means of a strip I pasted across the cover and to the sides of the section II, and when the jar is
 5 used as a container for cigars or tobacco this strip is conveniently the usual revenue-stamp. It will thus be apparent that the casing can be easily and quickly applied to the jar and that when such casing is so ap-
 10 plied the jar is suspended and injury to the same, due to handling or shipping of the package, is thus guarded against. That portion of the jar upon which the casing-cover fits is protected by the metallic cover D; but
 15 as the flange B holds the casing-cover a slight distance from the flange of the cover D a further protection for the upper portion of the jar and a protection for the flange d' is provided. The flange B is the only portion of
 20 the glass jar in close contact with the casing, and this is strengthened by reason of being rounded, as shown.

The gasket F is formed from asbestos and is therefore sufficiently tough to withstand
 25 the grinding action necessary when seating the jar-cover, and, further, said gasket is not affected by moisture from the cigars. This asbestos gasket therefore affords an extremely efficient and practical one for use in
 30 the present jars.

In order to prevent any tearing, undue grinding, or buckling of the gasket by reason of the jar-cover and the edge of the jar moving against the gasket in opposite directions
 35 when the cover is being applied or removed, the jar edge is ground, whereby it is roughened sufficiently to engage and hold the gasket in a fixed position thereon, the smooth metallic cover only riding over the surface of
 40 the gasket during the application or removal of said cover.

I am aware that minor changes in the construction, arrangement, and combination of the several parts of my device may be made
 45 and substituted for those herein shown and

described without in the least departing from the nature and principle of my invention.

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

1. The combination with a jar having a lateral projection, of a casing-section of greater length than the distance between said projection and the jar-bottom and of greater interior diameter than the exterior diameter of
 55 said jar, the said projection upon said jar resting upon the upper edge of the wall of the said casing-section, whereby said jar is suspended in said casing-section, substantially as described. 60

2. The combination with a jar having a lateral projection, of a casing-section of greater length than the distance between said projection and the jar-bottom and of greater interior diameter than the exterior diameter of
 65 said jar, the said projection upon said jar resting upon the said casing-section, whereby said jar is suspended in said casing-section, and a casing-cover having a flange engaging said projection upon the jar and overlapping
 70 said casing-section, substantially as described.

3. The combination with a jar having a lateral projection, of a casing-section of greater length than the distance between said projection and the jar-bottom and of greater interior diameter than the exterior diameter of
 75 said jar, the said projection upon said jar resting upon the said casing-section, whereby said jar is suspended in said casing-section, and a casing-cover having a flange engaging
 80 said projection upon the jar and out of contact with said jar above said projection, substantially as described.

In testimony whereof I hereunto affix my signature, in the presence of two witnesses, 85
 this 26th day of July, 1901.

WILLIAM C. SCHUTZ.

Witnesses:

GEORGE BAKEWELL,
 RALPH KALISH.