

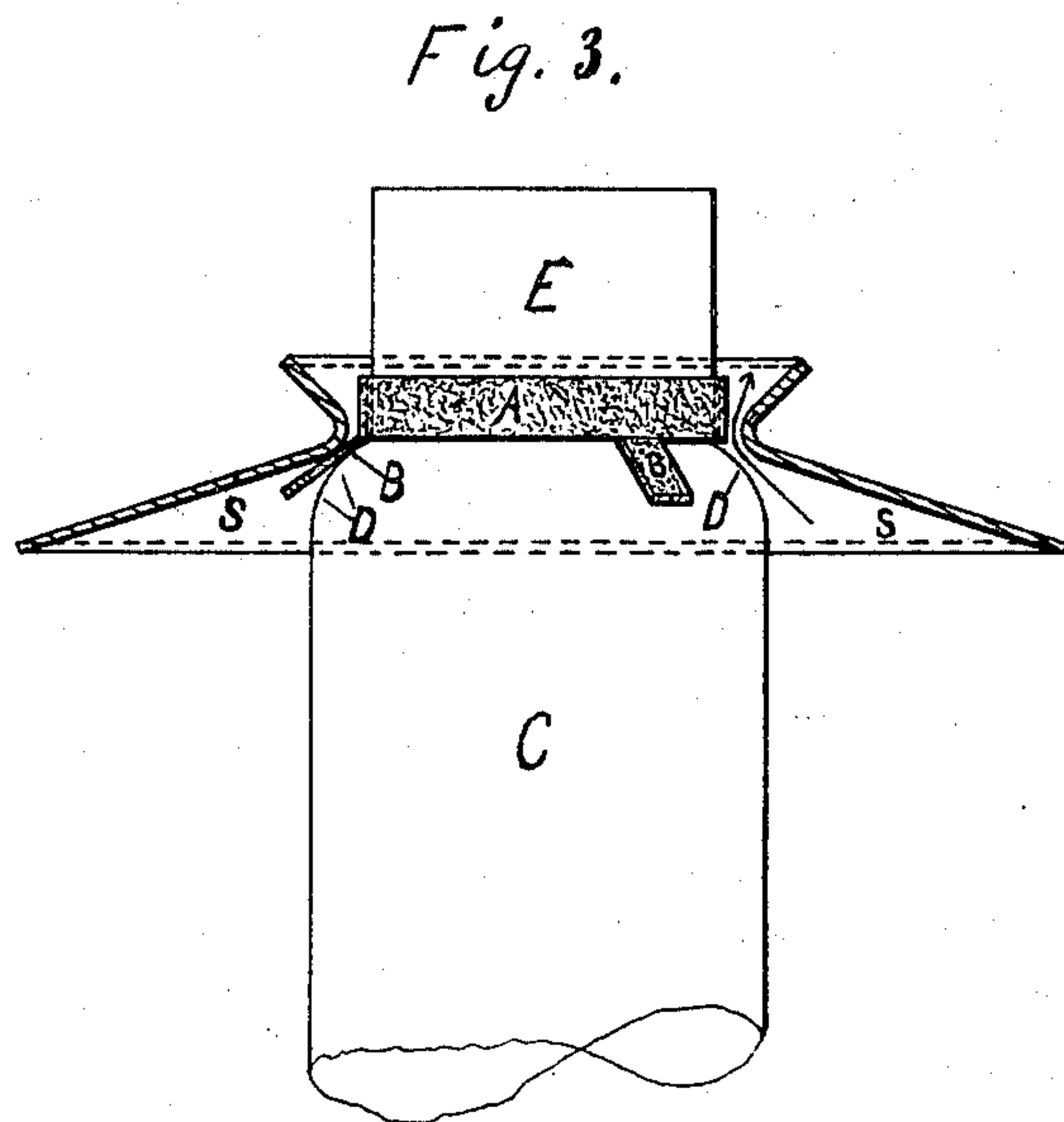
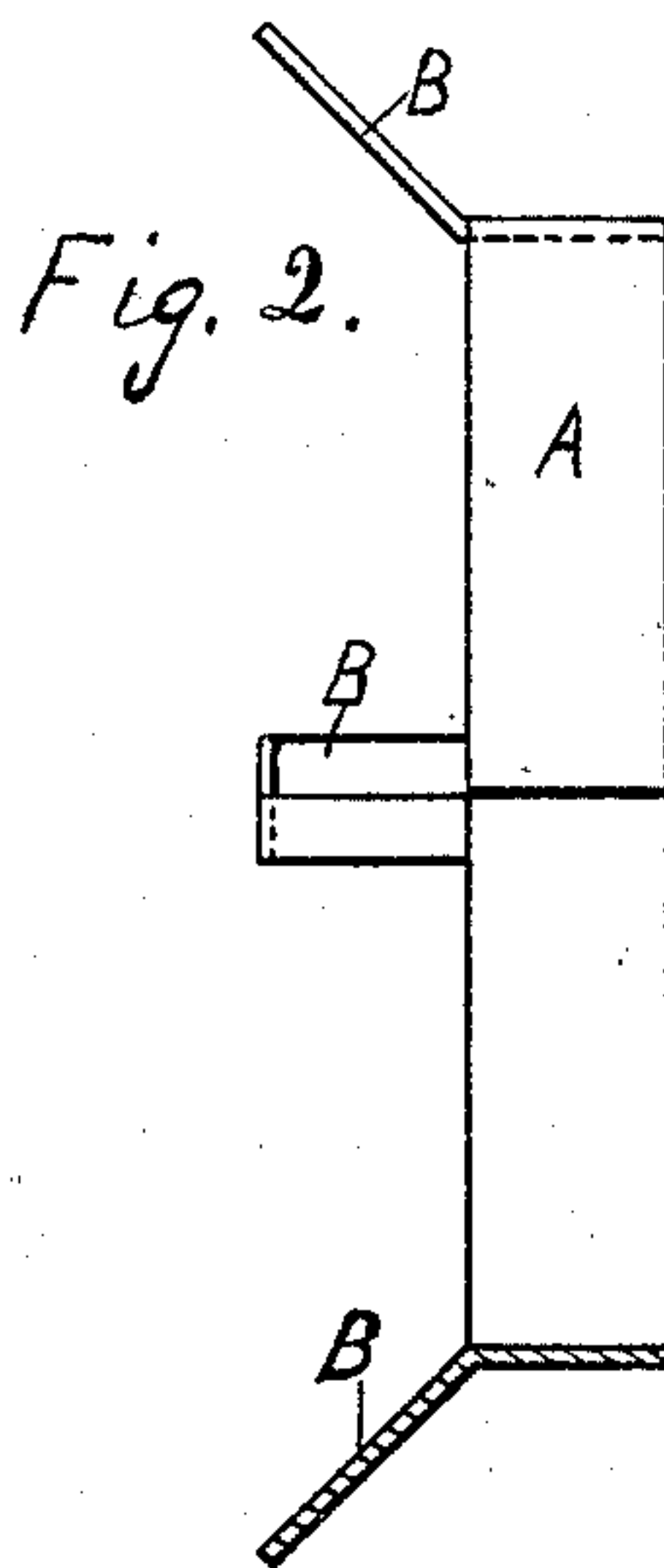
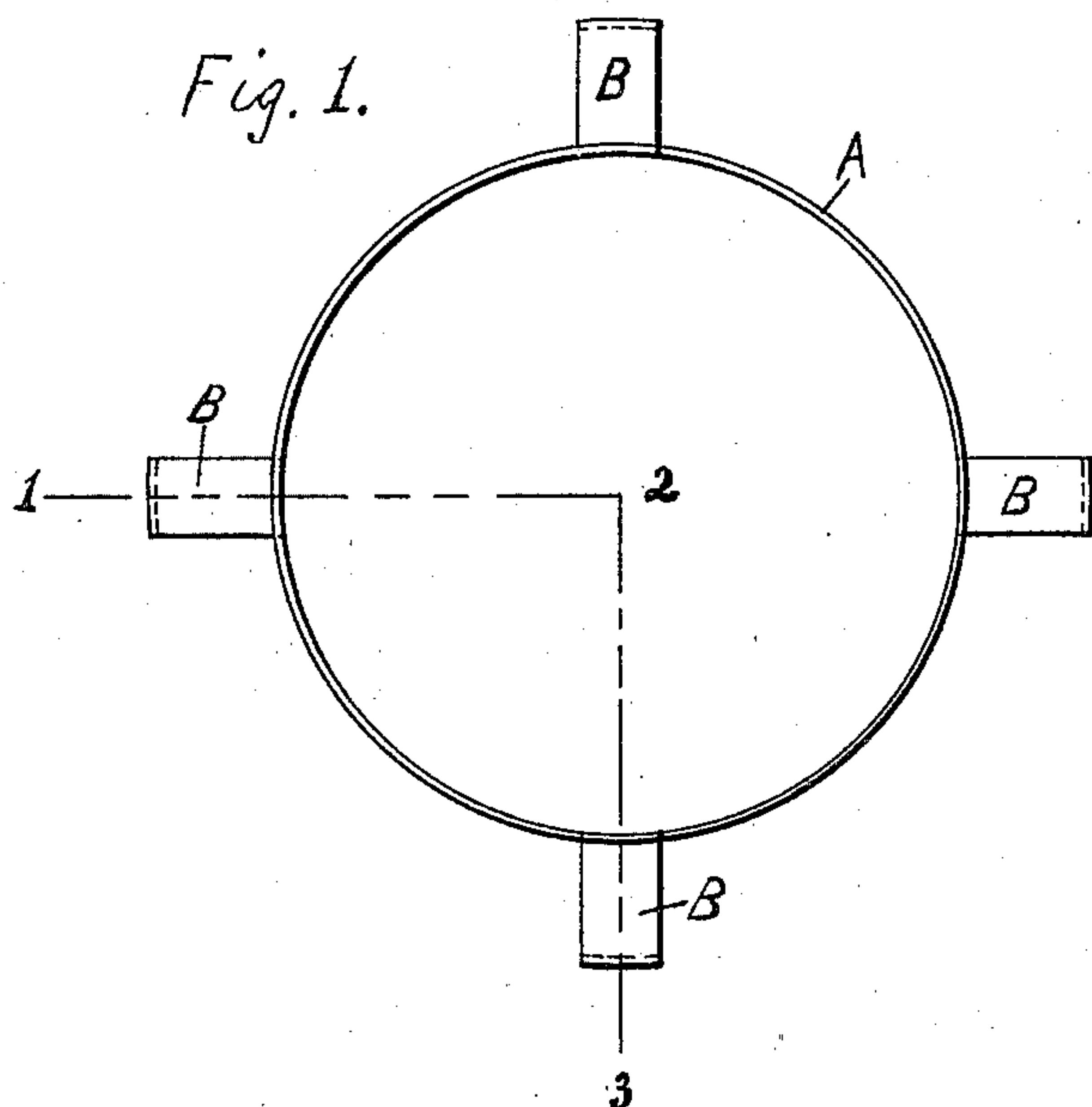
No. 641,032.

Patented Jan. 9, 1900.

C. L. NEWBY.
SHADE SUPPORT AND PROTECTOR.

(Application filed Mar. 14, 1899.)

(No Model.)



WITNESSES.
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CLARENCE L. NEWBY, OF KANSAS CITY, MISSOURI.

SHADE SUPPORT AND PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 641,032, dated January 9, 1900.

Application filed March 14, 1899. Serial No. 709,120. (No model.)

To all whom it may concern:

Be it known that I, CLARENCE L. NEWBY, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Shade Supports and Protectors, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to improvements in a shade support and protector whereby the shade is protected from the intense heat of the chimney by the interposition of a non-conducting refractory material; and the objects of my improvements are, first, to provide a band of said non-conducting refractory material between the shade and the contracted part of the chimney above the point of support of the shade, preventing the shade from touching the chimney if tilted to one side or in any way disarranged; second, to provide strips of said non-conducting refractory material between the shade at its point of support and the chimney to prevent their contact, and, third, to provide spaces for the free circulation of air between said chimney and shade. I attain these objects by the device illustrated in the accompanying drawings, in which—

Figure 1 is a horizontal view of the protector or collar. Fig. 2 is a view of Fig. 1 from left side and cut away by lines 1, 2, and 3, showing the collar partly in section and partly in full view. Fig. 3 is a vertical view of chimney and collar and a sectional vertical view of shade all combined, showing application of collar to its uses.

Similar letters refer to similar parts throughout the several views.

A designates the band or body of collar, and B the projecting portion or strips of same, being a part and portion of band A. Said collar (parts A and B) is made of asbestos or any suitable non-conducting refractory material and unattached to the chimney or the shade.

C designates the chimney or globe, of any design, supporting its shade by having a portion D of its body larger than the internal diameter of the shade and a contracted portion E above said point of support. S designates the shade, of any desired construction or design, which is supported by the said en-

larged portion D of chimney C. Shade S rests directly upon the strips B of said collar, which in no wise is considered a support in the sense that it is essential in keeping in place or sustaining the shade, but is interposed as a break in the conductivity of the heat from chimney or globe C to the shade S, preventing the latter's breaking from unequal or undue expansion. If shade S becomes misplaced, tilted to one side, or disarranged, it is further protected from contact with the contracted portion of chimney C by the band or body A of said collar, which is made sufficiently wide to afford such protection.

The material of the collar is cut away between strips B, which when shade S is in place makes an air-space between strips B, shade S, and the shoulder D of the chimney C. The internal diameter of shade S is larger than the diameter of band A, permitting of an air-space between them, which is in connection with the space formed between the strips B, and allowing a free circulation of air between said shade and said chimney, dissipating, tempering, and equalizing the heat of the shade and preventing the heating in spots, as when the shade touches the chimney at any point.

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

The combination of a glass chimney or globe, designed to support its shade by having a portion of its body, forming a shoulder, larger than the internal diameter of the shade, and a contracted portion, or neck, above this point, a shade, concentric therewith, supported by the said enlarged portion, or shoulder, of the chimney, with a collar of asbestos or other non-conducting, refractory material, unattached to the chimney or the shade, consisting of a vertical band, encircling the said contracted portion, or neck, of the chimney, leaving an air-space between itself and the shade-neck, and having three or more projecting portions, or strips, pointing downwardly and lying between the chimney and the shade and conforming to the coincident curvature thereof, said vertical band of the collar extending sufficiently high to prevent the shade from coming in contact with the

chimney-neck when in position or when tilted
to one side or in any way disarranged, said
strips of the collar projecting from one edge
at intervals and resting upon the said shoul-
5 der, between the chimney and its shade, pre-
venting their contact, and forming an air-
space between each two adjacent strips, the
chimney, and its shade, which air-space con-
nects with the said air-space formed at the
10 band and affords a continuous air-passage be-

tween the chimney and its shade, all substan-
tially as described and for the purpose set
forth.

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

CLARENCE L. NEWBY.

Witnesses:

W. M. SIMPSON,
C. W. SHEETS.