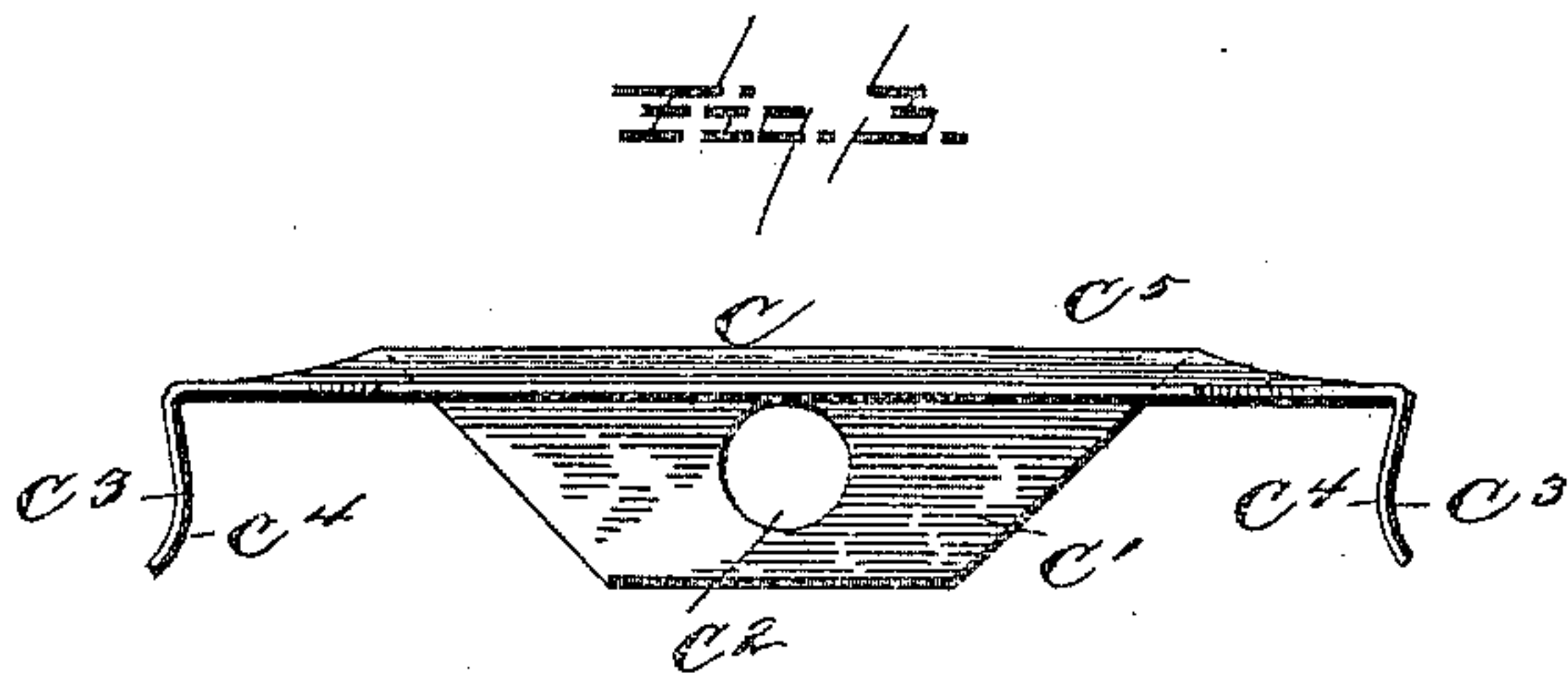
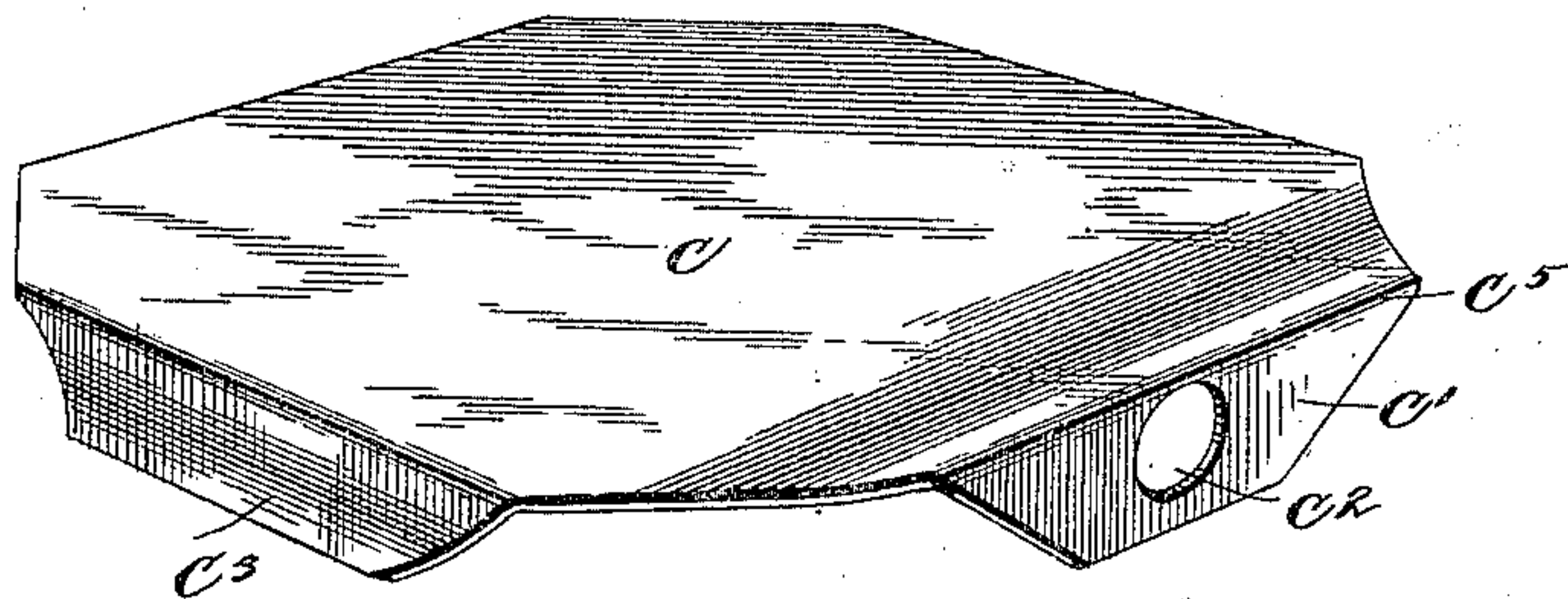
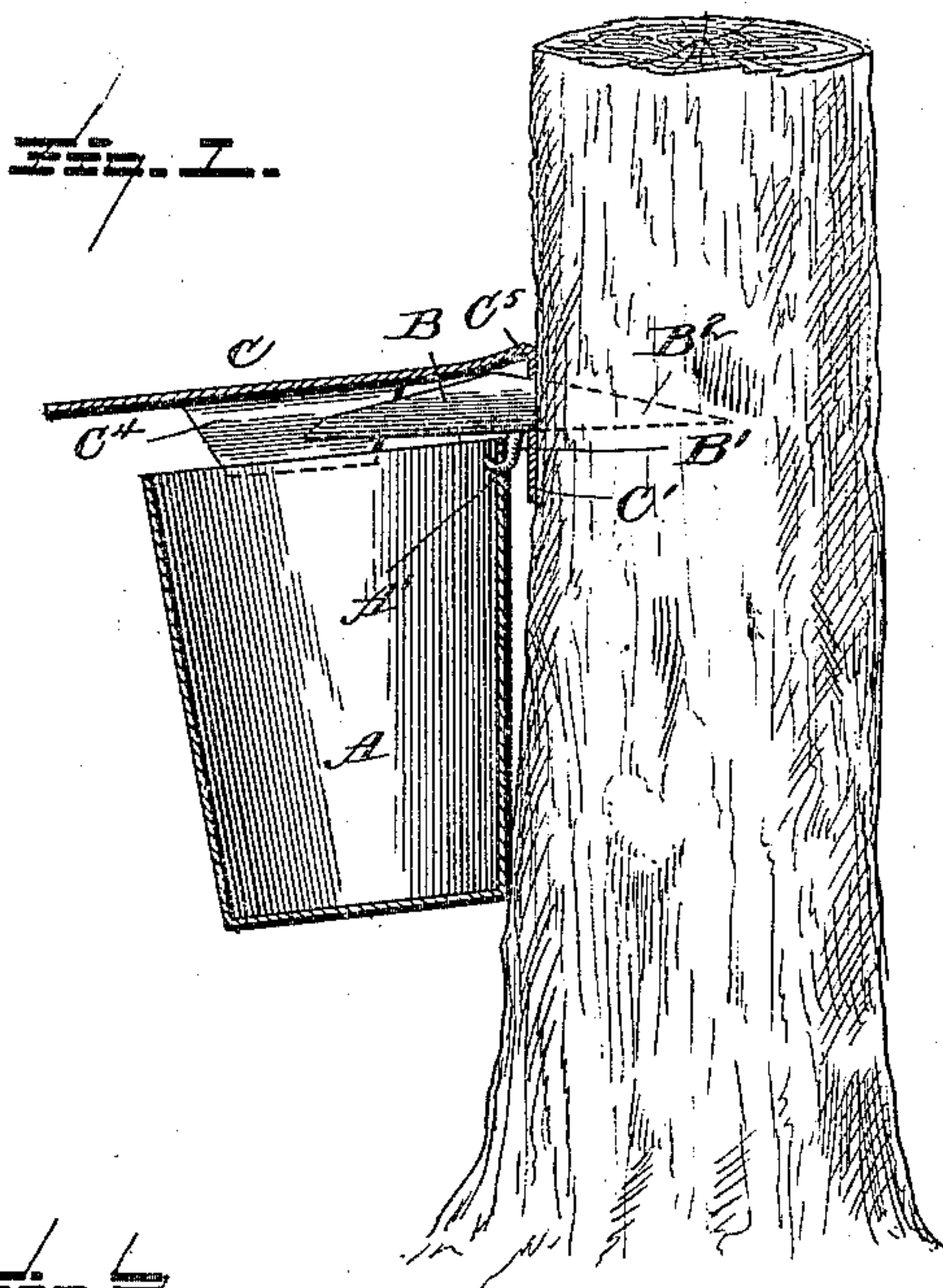


(No Model.)

H. BLAKE.
SAP BUCKET COVER.

No. 418,490.

Patented Dec. 31, 1889.



Witnesses:

L. C. Hills.
E. A. Bond.

By

Inventor:

Harry Blake.
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Attorney

UNITED STATES PATENT OFFICE.

HARRY BLAKE, OF PERRYSBURG, NEW YORK.

SAP-BUCKET COVER.

SPECIFICATION forming part of Letters Patent No. 418,490, dated December 31, 1889.

Application filed August 5, 1889. Serial No. 319,741. (No model.)

To all whom it may concern:

Be it known that I, HARRY BLAKE, a citizen of the United States, residing at Perrysburg, in the county of Cattaraugus, State of New York, have invented certain new and useful Improvements in Sap-Bucket Covers, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention relates to certain new and useful improvements in sap-bucket tops or covers, designed for use in connection with the sap spout and bucket to prevent dirt or other foreign substances from entering the
15 bucket.

It has for its object, among others, to provide a simple and cheap device of this character, which shall be efficient in shedding the water and other foreign substances, and which
20 shall be retained in place upon the tree so as to cover the top of the bucket and yet allow of ready withdrawal or removal of the bucket to empty the sap without disturbing the cover or spout.

25 The novelty resides in the peculiarities of construction and the combinations, adaptations, and arrangements of parts, all as more fully hereinafter described, shown in the drawings, and then particularly pointed out
30 in the appended claims.

The invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this specification, and in which—

35 Figure 1 is a vertical section showing the bucket and its cover in operative position with the sap-spout. Fig. 2 is a perspective view of the cover removed. Fig. 3 is a front edge view of the same.

40 Like letters refer to like parts in all the views.

Referring to the details of construction, A represents a sap-bucket of known construction, provided near its top with an opening

45 A' to receive the hook B' of the sap-spout B. C is my improved cover, which may be of any desired shape, provided at one side with the depending flange C', which in use is de-

signed to be placed next to the tree, and is provided with an opening C², through which
50 the entering end B² of the sap-spout is designed to pass, as shown in Fig. 1, so that as the spout is driven into the tree, it being tapered, it will bind the flange C' to the tree, and thus the cover will be held in place until
55 the spout is withdrawn. The hook B' of the spout engages the opening A' in the bucket and holds it in place, as shown in Fig. 1, and when the bucket is full, or for any other reason it is desired to remove it, a slight up-
60 ward and forward movement of the bucket will allow of its disengagement from the hook, the spout and cover remaining in position.

The cover is formed with two or more depending flanges C³, designed to prevent side
65 movement of the cover, and near their lower edges these flanges are curved slightly inward, as shown at C⁴, and form a sort of spring-clamp, and more readily preserve contact between
70 these flanges and the outer wall of the bucket. At its rear edge, where it joins the flange C', the top of the cover is bent upward, as shown at C⁵, to provide room for the top edge of the
75 spout and yet allow the cover to set as close to the top of the bucket as possible. This also provides a slight pitch to the cover, as shown in Fig. 1, which permits it to readily shed any water that might fall thereon.

The device is cheap, simple, and durable, and in use has proved most efficient. 80

What I claim is—

1. A cover for sap-buckets, formed with an integral depending flange provided with an aperture to receive the spout, and integral
85 holding-flanges, as C³, as set forth.

2. A cover for sap-buckets, formed with an integral depending flange having an aperture to receive the spout and an upward integral bend at the junction of said flange
90 with the cover, as set forth.

3. A cover for sap-buckets, formed with an integral depending flange having an aperture to receive the spout, and with integral
95 spring holding-flanges, as set forth.

4. A cover for sap-buckets, formed with a depending flange having an aperture to re-

ceive the spout, an upward bend at the junction of the flange with the cover, and with depending holding-flanges, as set forth.

- 5 5. As an improved article of manufacture, the herein-described cover for sap-buckets, formed of a single piece with an apertured depending flange, curved holding-flanges, and a bend, as C⁵, at the junction of the ap-

ertured flange with the cover to give a slant to the top thereof, as set forth. 10

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

HARRY BLAKE.

Witnesses:

A. M. DE LONG,

O. D. SPRAGUE.