

No. 693,566.

Patented Feb. 18, 1902.

D. M. ROBINS.
CHEESE BOX.

(Application filed June 26, 1901.)

(No Model.)

Fig. 1.

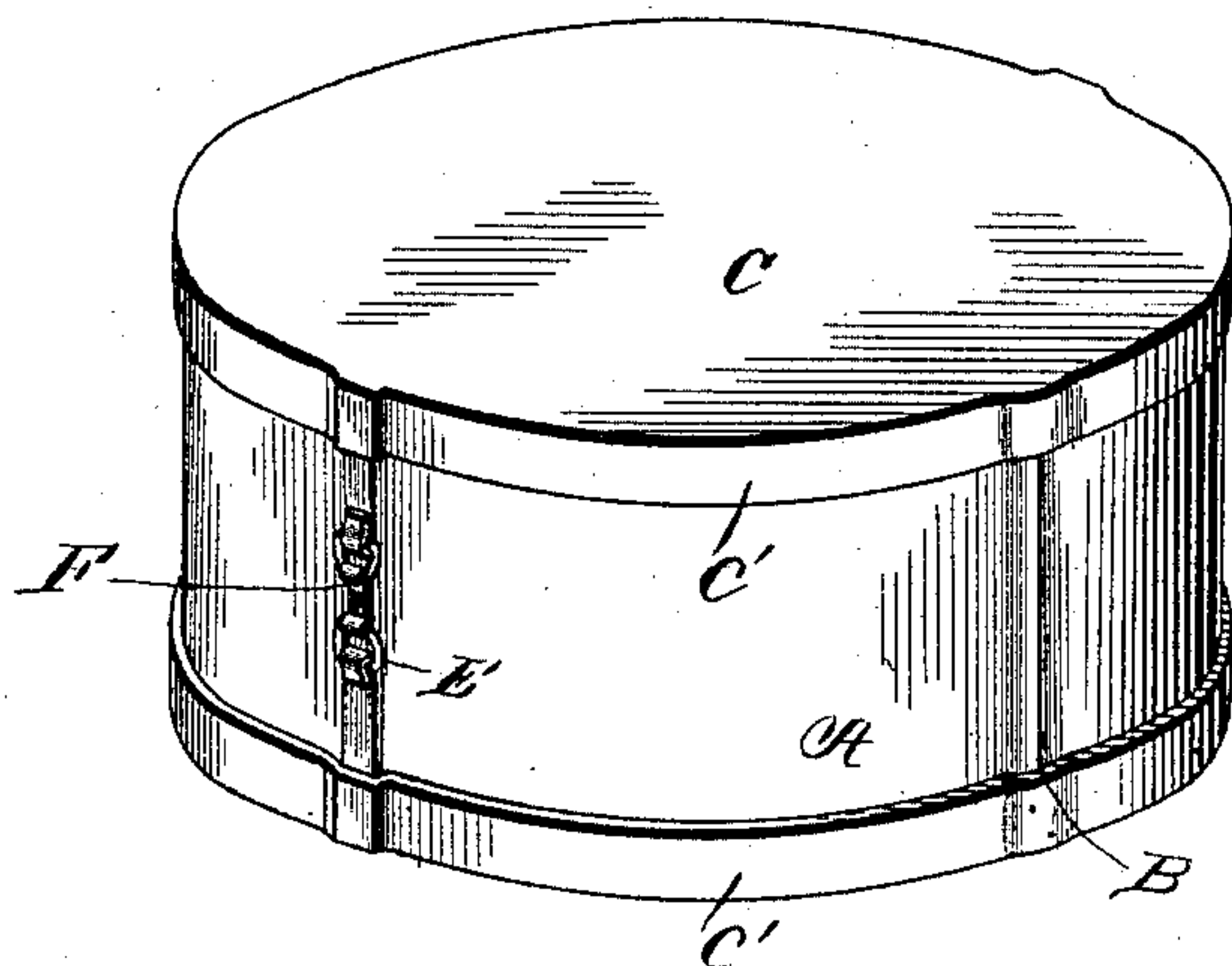


Fig. 2.

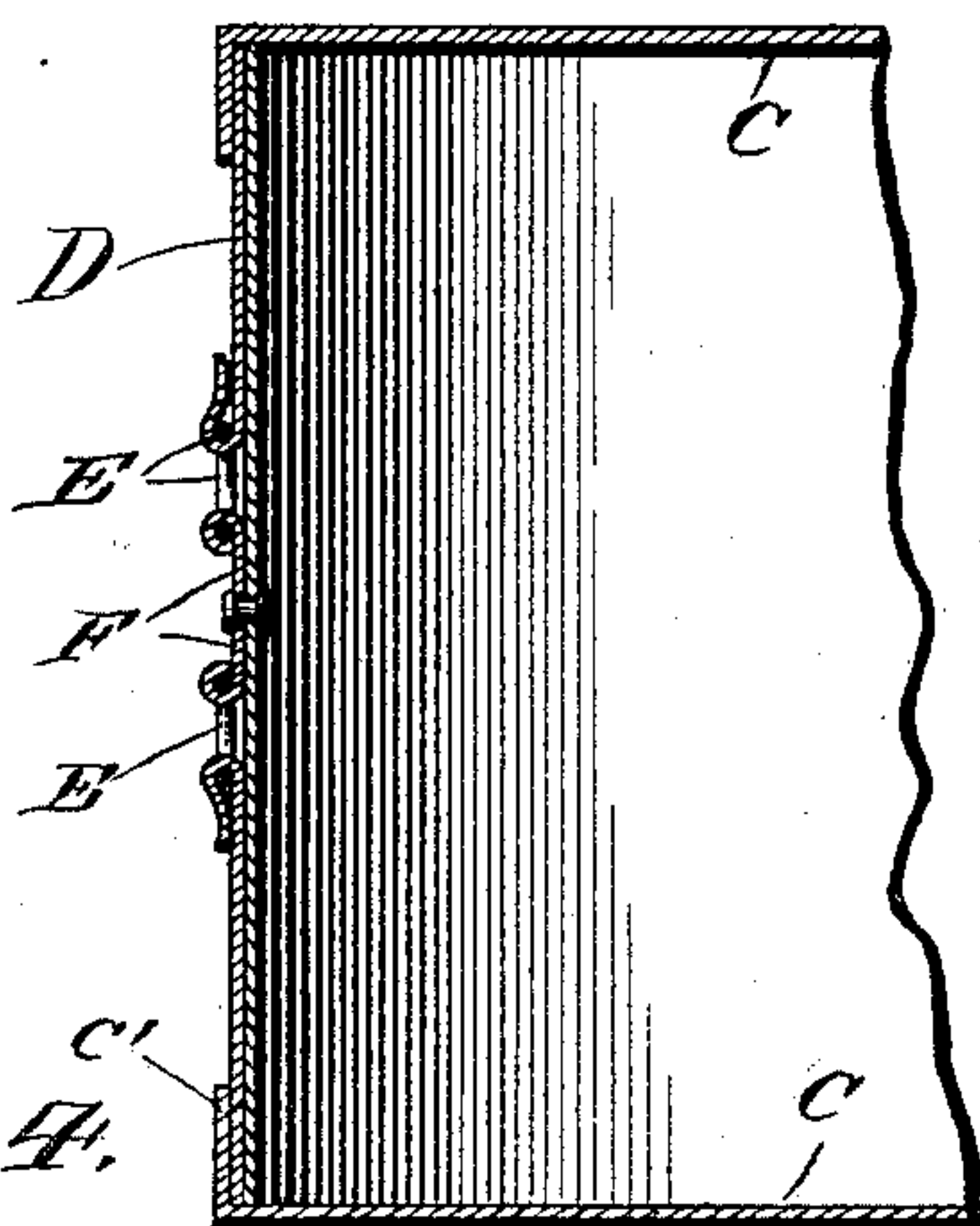


Fig. 3.

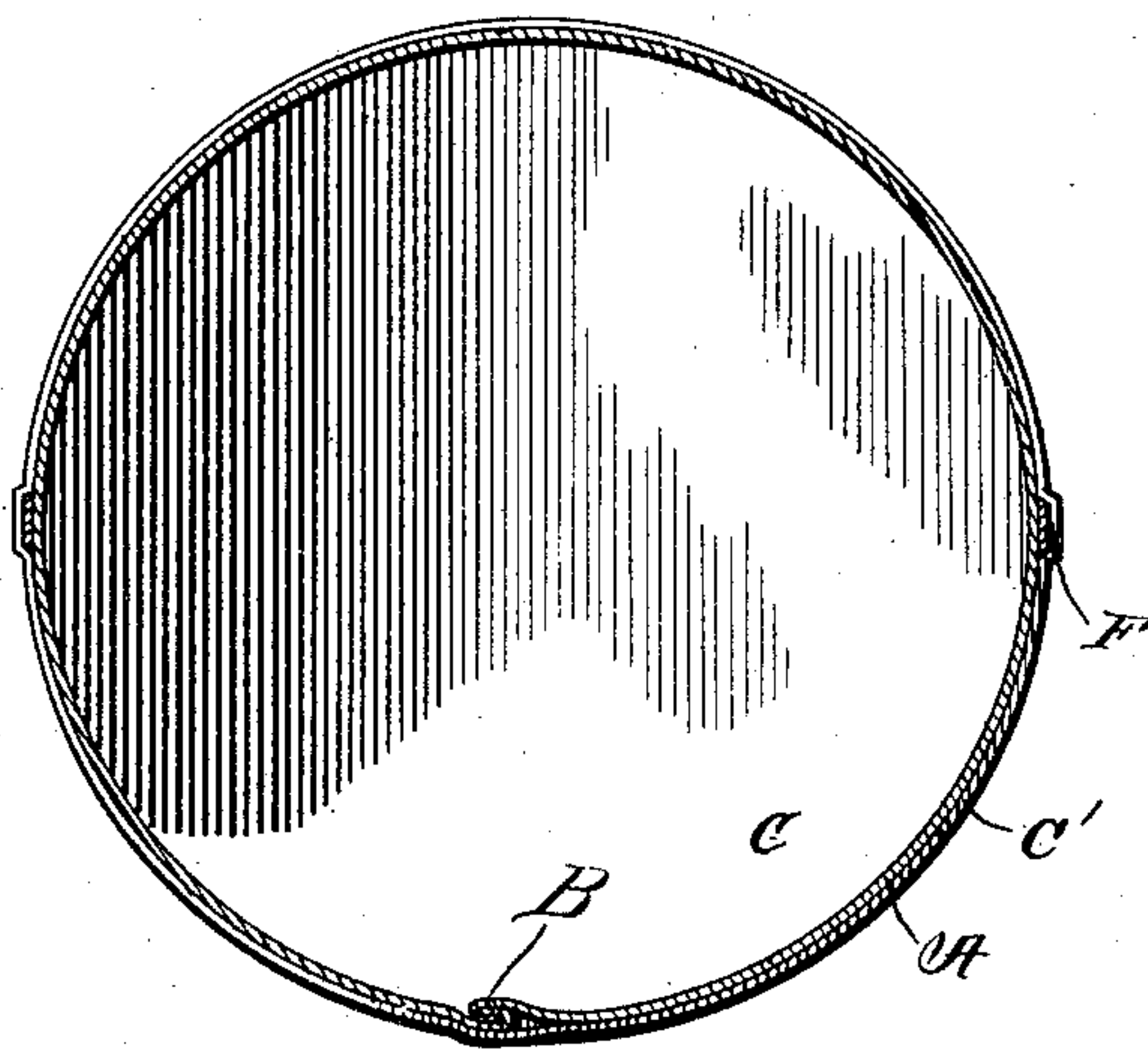
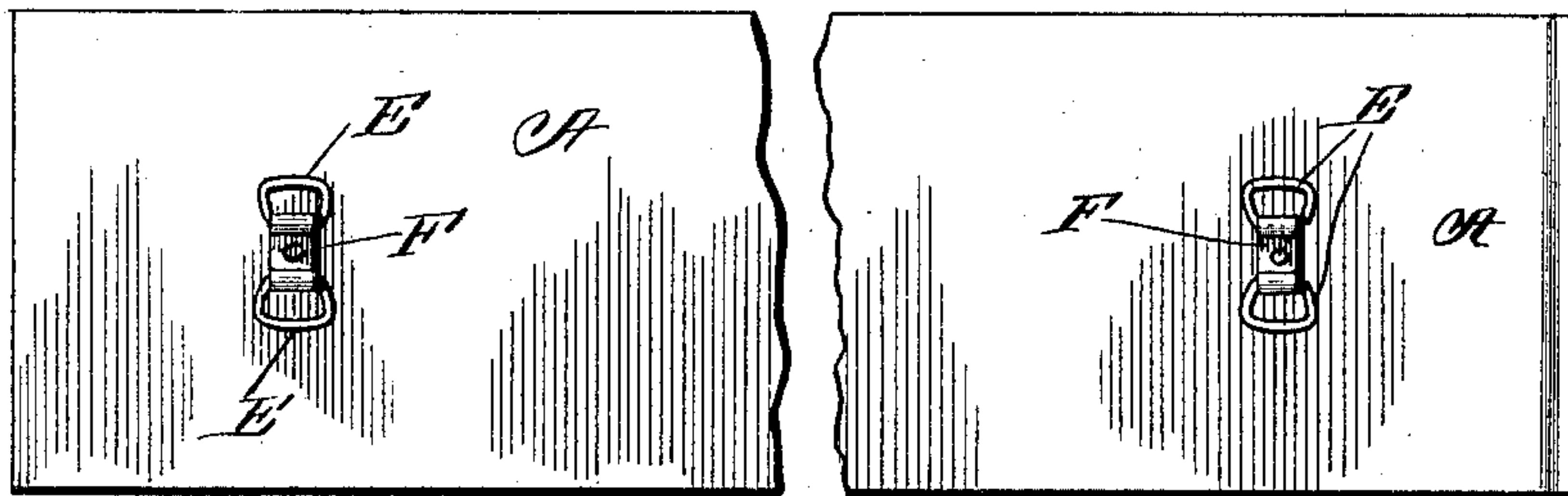


Fig. 4.



WITNESSES:

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CHEESE-BOX.

SPECIFICATION forming part of Letters Patent No. 693,566, dated February 18, 1902.

Application filed June 26, 1901. Serial No. 66,108. (No model.)

To all whom it may concern:

Be it known that I, DANIEL M. ROBINS, a citizen of the United States, residing at Toledo, county of Lucas, and State of Ohio, have
5 invented a certain new and useful Improvement in Cheese-Boxes, of which the following is a specification.

My invention relates to a new and useful improvement in cheese-boxes, and has for its
10 object to provide a metallic cheese-box which will be as cheap in construction as the wooden box now in use and can be shipped to the user knocked down and the parts more quickly assembled than can now be done with the
15 wooden boxes.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claim.

20 In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in
25 which—

Figure 1 is a perspective view of my box, showing all the parts assembled and secured together. Fig. 2 is a vertical section of one
30 side of the box, showing the mode of fastening the two ends of the same; Fig. 3, a horizontal section through the box; and Fig. 4, a face view of the strip of metal which forms the shell or body of the box before it is bent
35 into shape, a portion of the center being broken away.

In the drawings, A represents a flat strip of sheet metal which is adapted to form the body or shell of the box, and the ends of this
40 strip are bent over, as indicated at B, in such a manner that when the strip A is bent into a circle the ends may be hooked one in the other, and thus hold the strip in the cylindrical form.

45 C C are the covers, which are adapted to close each end of the cylinder formed by the strip A. These covers are formed with the flanges C', which are adapted to fit over the outside of the strip A. For the purpose of
50 securing the covers C upon the body, I secure the straps D at suitable points to the interior surface of the flanges C' of the covers. These

straps are made of pliable metal, such as copper or brass, which may be bent without breaking and will retain the form it is bent into. 55 These straps are secured to the flanges C' in any suitable manner, either by soldering or riveting. Secured to the strip A at suitable points to correspond with the straps D are the loops E. These loops are arranged in pairs and
60 are secured to the strip A by means of the short metallic strips F, which are formed in the coil at each end, which coil is adapted to surround one end of the loop E.

When it is desired to secure the covers to
65 the body, the straps D are passed through the loops E from behind and then turned over back upon themselves, as shown in Figs. 1 and 2. Thus the box can be quickly opened or closed at any time from either end. 70

It is a well-known fact that wooden cheese-boxes are now shipped to the consumer in a knocked-down condition, and the consumer, if he is a manufacturer to any great extent, necessarily has to have a cheese-box machine
75 for bending the rims and nailing the same together, and the body and rims have to be steamed before they can be bent, which necessitates a steam-box. In my invention the box can be shipped in the knocked-down con-
80 dition the same as a wooden box and can be put together by the consumer without any machinery whatsoever.

My box can be produced as cheaply as the wooden box up to the time of reaching the
85 consumer, and on account of the saving in time in assembling the box and the saving of breakage, which is occasioned when wooden boxes are used, and the doing away with the necessity of a cheese-box machine and a steam-
90 box, my box is placed upon the market much cheaper than the wooden box, and a further advantage of my box is that it presents a much better appearance in the market than does the wooden box. 95

Of course I do not wish to be limited to the exact construction here shown, as slight modifications could be made without departing from the spirit of my invention.

Having thus fully described my invention, 100 what I claim as new and useful is—

As a new article of manufacture, a cheese-box composed of a metallic strip adapted to be bent in cylindrical form to form the body

of the box, the ends of said strip adapted to
be secured together so as to be easily removed
one from the other for the purpose of allow-
ing the box to be knocked down in shipping,
5 metallic covers adapted to cover and close
each end of the body, annular flanges formed
with the cover adapted to fit over the outside
of the body, pliable metallic straps secured
to the inner surface of said flanges, loops se-
10 cured to the body of the box through which
the ends of said straps are adapted to be in-

serted and bent back upon themselves for the
purpose of retaining the covers in position,
substantially as and for the purpose set forth.

In testimony whereof I have hereunto af- 15
fixed my signature in the presence of two sub-
scribing witnesses.

DANIEL M. ROBINS.

Witnesses:

HENRY KLUME,

EDWARD N. METTLER.