

E. A. Palmer.

Cheese Hoop.

Nº 59,636.

Patented Nov. 13, 1866.

Fig. 6.

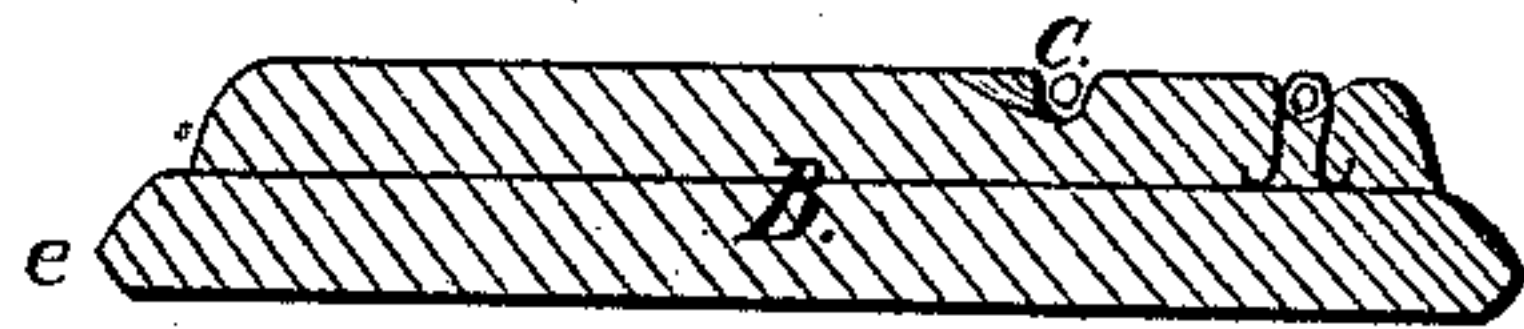


Fig. 5.

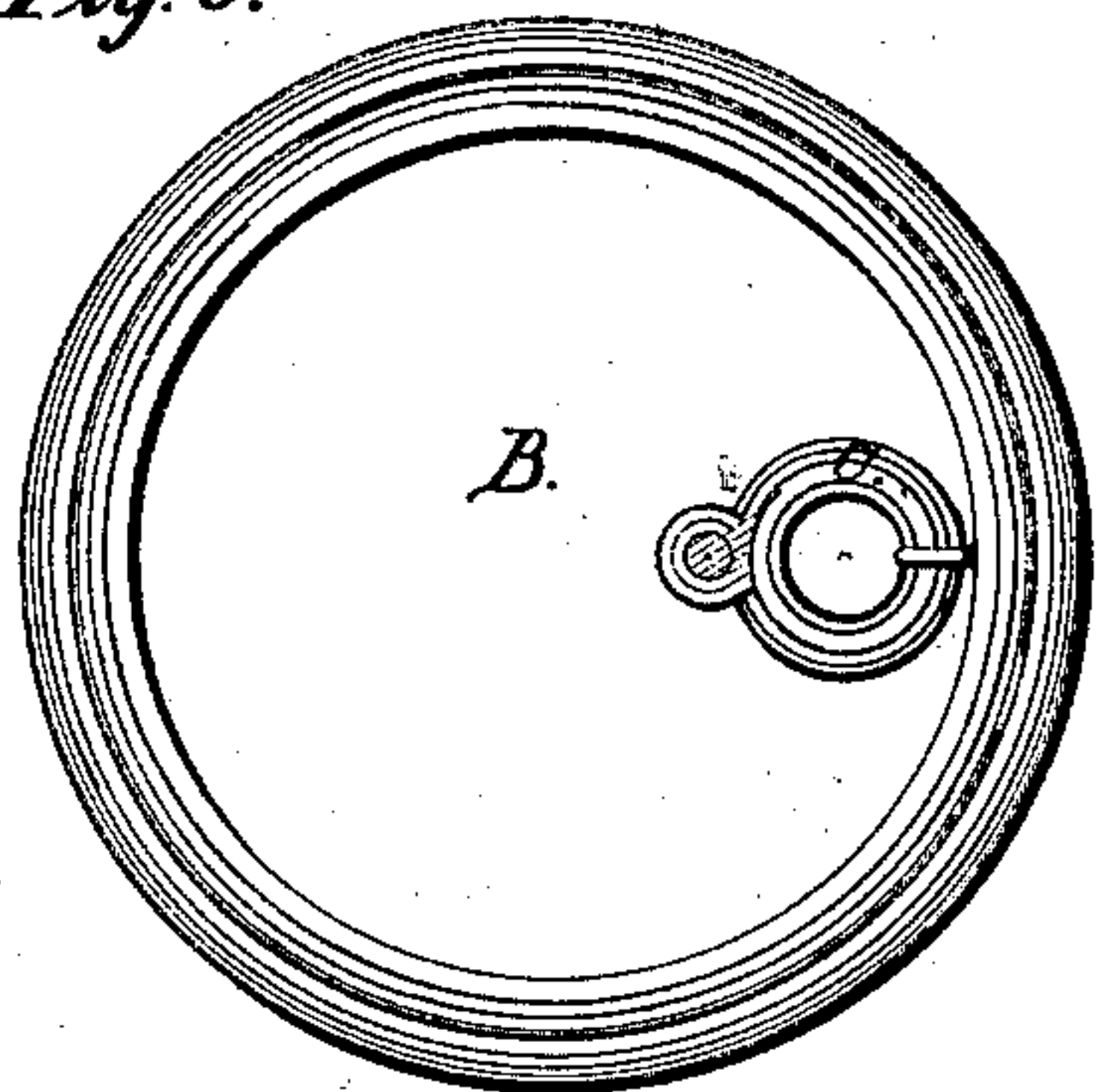


Fig. 4.

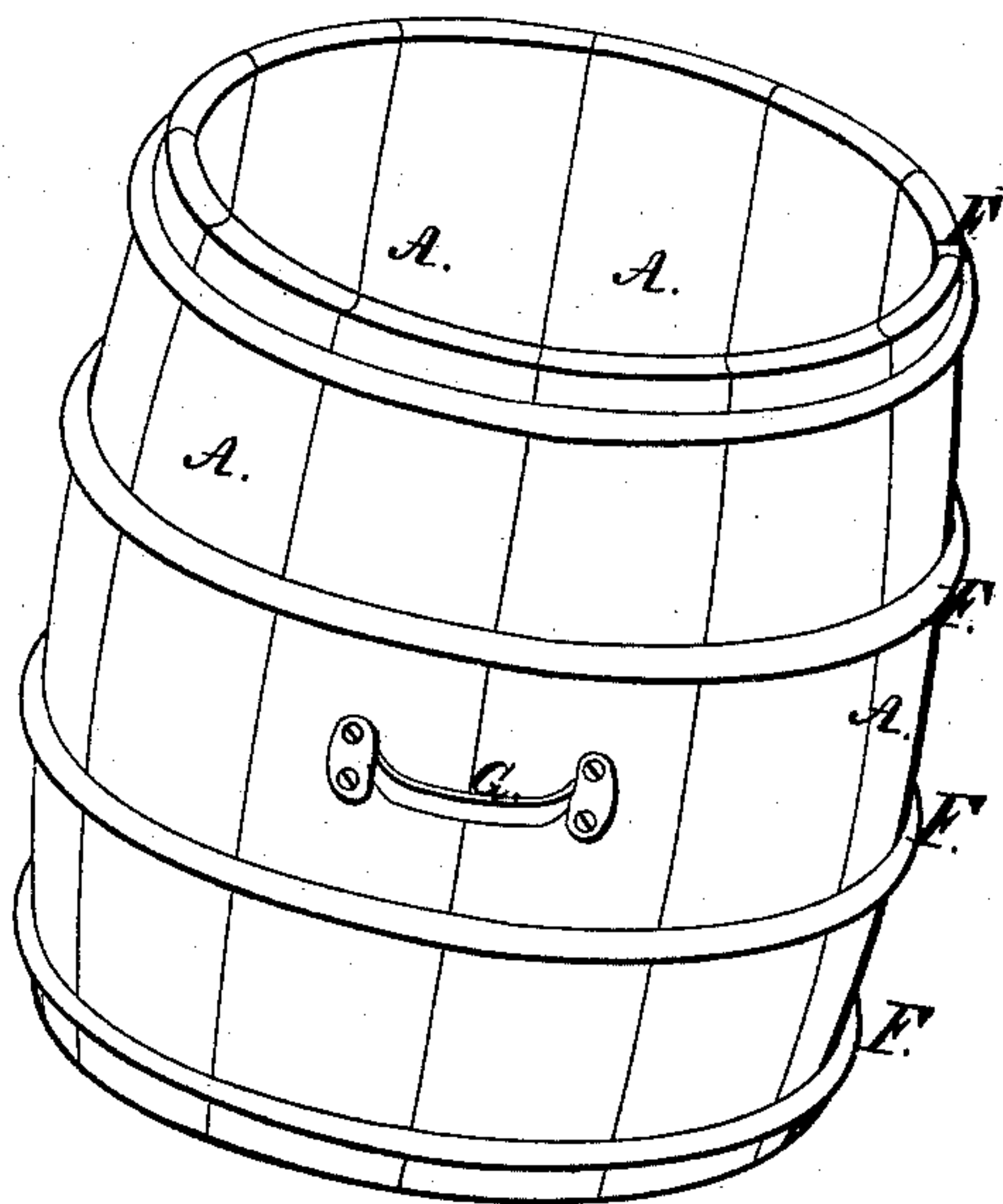


Fig. 3.

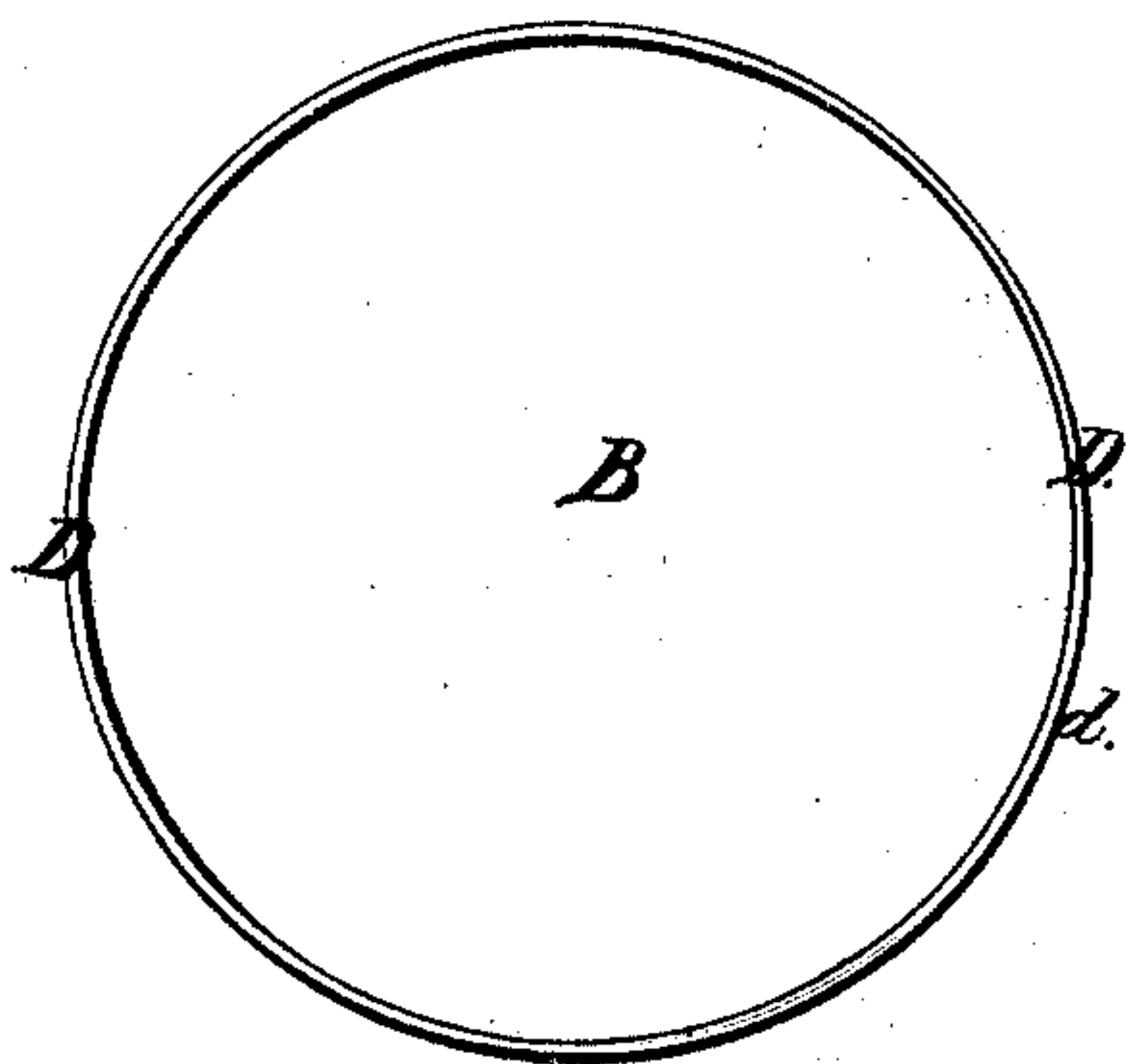
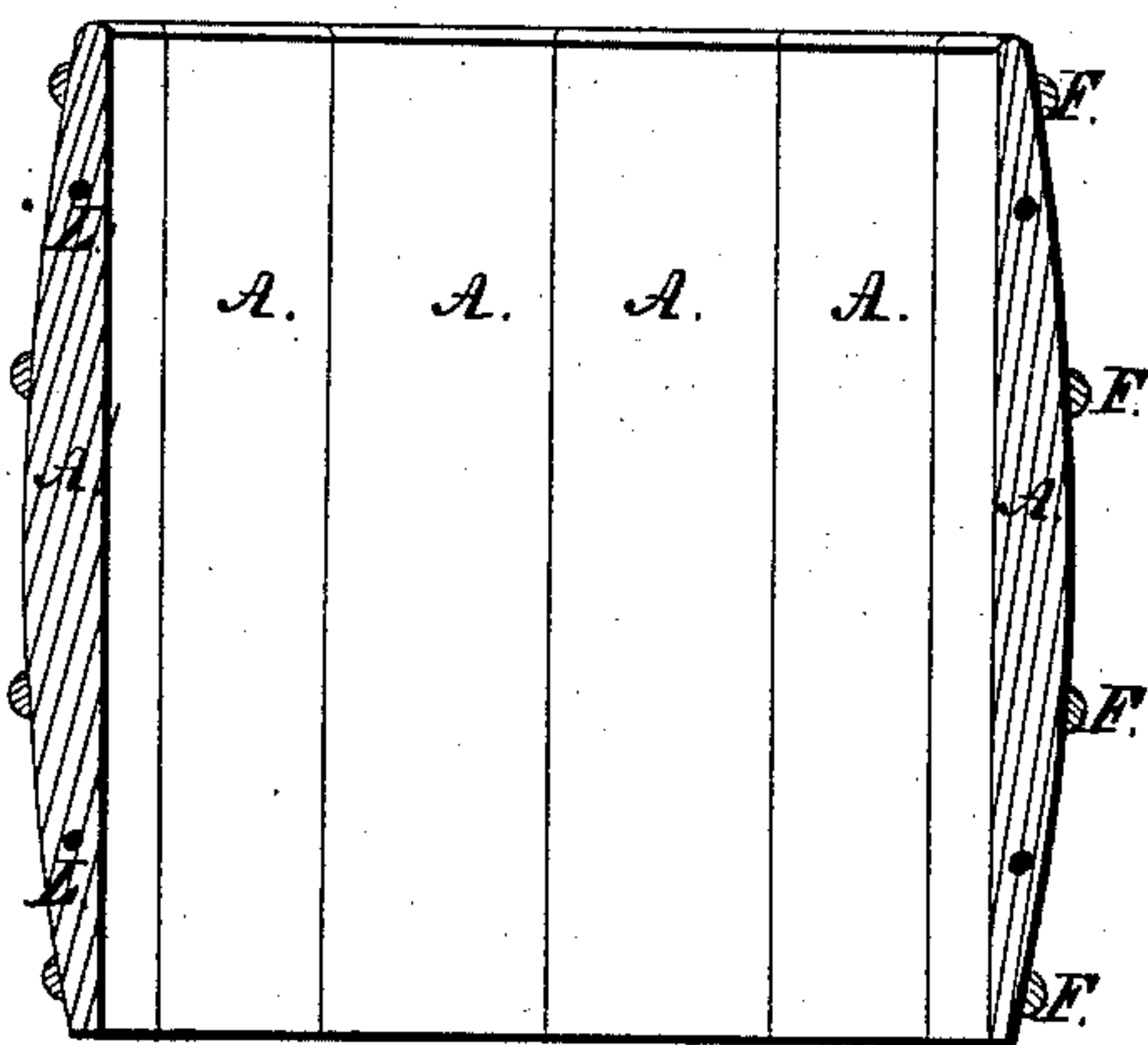


Fig. 2.



Fig. 1.



Witnesses:

H. B. Carpenter,
S. W. Ambrose

Inventor:

Edwin A. Palmer

UNITED STATES PATENT OFFICE.

EDWIN A. PALMER, OF CLAYVILLE, NEW YORK.

IMPROVEMENT IN CHEESE-HOOPS.

Specification forming part of Letters Patent No. 59,636, dated November 13, 1866.

To all whom it may concern:

Be it known that I, EDWIN A. PALMER, of Clayville, in the county of Oneida, in the State of New York, have invented a new and useful Improvement on a Cheese Hoop and Follower; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view; Fig. 2, an elevation of one half of a hoop; Fig. 3, the under side of a follower and small ring; Fig. 4, the end of a ring; Fig. 5, the top of a follower. Fig. 6 is the center of a follower; Fig. 7, the end of a ring.

The same letters refer to the same parts.

A, Fig. 1, is a hoop made of staves, doweled and held together with four hoops or bands, F F, made of half-oval iron and welded. G G are handles opposite each other, between the middle hoops. A A, Fig. 2, are the staves; F F, an end view of the hoops or bands. L L are dowels. B, Fig. 3, is the bottom of a follower, with the corner taken off at D, one-fourth inch on the face and one-fourth inch up the edge, as seen at *e*, which leaves that part of the follower at an angle of forty-five degrees, to fit the small ring D, Fig. 4, at the side *a*. The side *b* fits the inside of the cheese-hoop, and the side *c* comes next to the cheese-curd, and leaves the cheese, when pressed and taken out of the hoop, with the corner off, at the same angle as the ring at *c*.

D, Fig. 4, is an end view of the ring above described, and is left open at *d*, Fig. 3, that it may expand to the pressure of the bevel on the follower to the corresponding bevel upon the ring, thus forcing it out against the inside of the cheese-hoop, and completely closing the opening between the edge of the follower and ring. Followers to be used without this ring should set tight to the hoop, which, by being used, will swell and become so tight that it is

with great difficulty removed without raising the cheese or a part of it in the hoop. By the above arrangement the follower may be made very loose, so that it may be removed without any trouble at all times.

B, Fig. 5, is the top of the follower. *c* is a chamber cut into it to let the ring and staple down below the surface, to be out of the way of the step of the screw, which will nearly cover the top of the follower to a small cheese-hoop.

B, Fig. 6, at *e*, shows the corner of the follower off to fit the ring D, and also the ring and staple at *c*.

Fig. 7 is a small ring which is used inside the cheese-hoop, on the follow-board, to keep the curd from escaping under the cheese-hoop.

The advantage of the above improvement is, that the cheese is pressed without rind, and the ring and staple out of the way while in use. The bandage of the cheese is always pressed into the surface of it, and will remain there a protection against flies and their results; but if the cheese is pressed with a rind on it the bandage must be started up in order to remove it. After that it will not again adhere to the cheese. The flies will work under the loose bandage, and also through bandage, into the cheese where rind is trimmed off, which is more or less open and porous.

I do not claim any of the principles of the common hoop or follower; neither do I claim the ring, Fig. 7; but

What I do claim, and desire to secure by Letters Patent, is—

1. The corner taken off the follower, as described in Figs. 3 and 6, at D and *e*.

2. The little ring D, Fig. 4, or an equivalent, substantially as described, and for the purpose therein set forth.

EDWIN A. PALMER.

Witnesses:

H. B. CARPENTER,

S. W. AMBROSE.