

(No Model.)

W. W. LAMME.
KETTLE ATTACHMENT.

No. 312,478.

Patented Feb. 17, 1885.

Fig. 1.

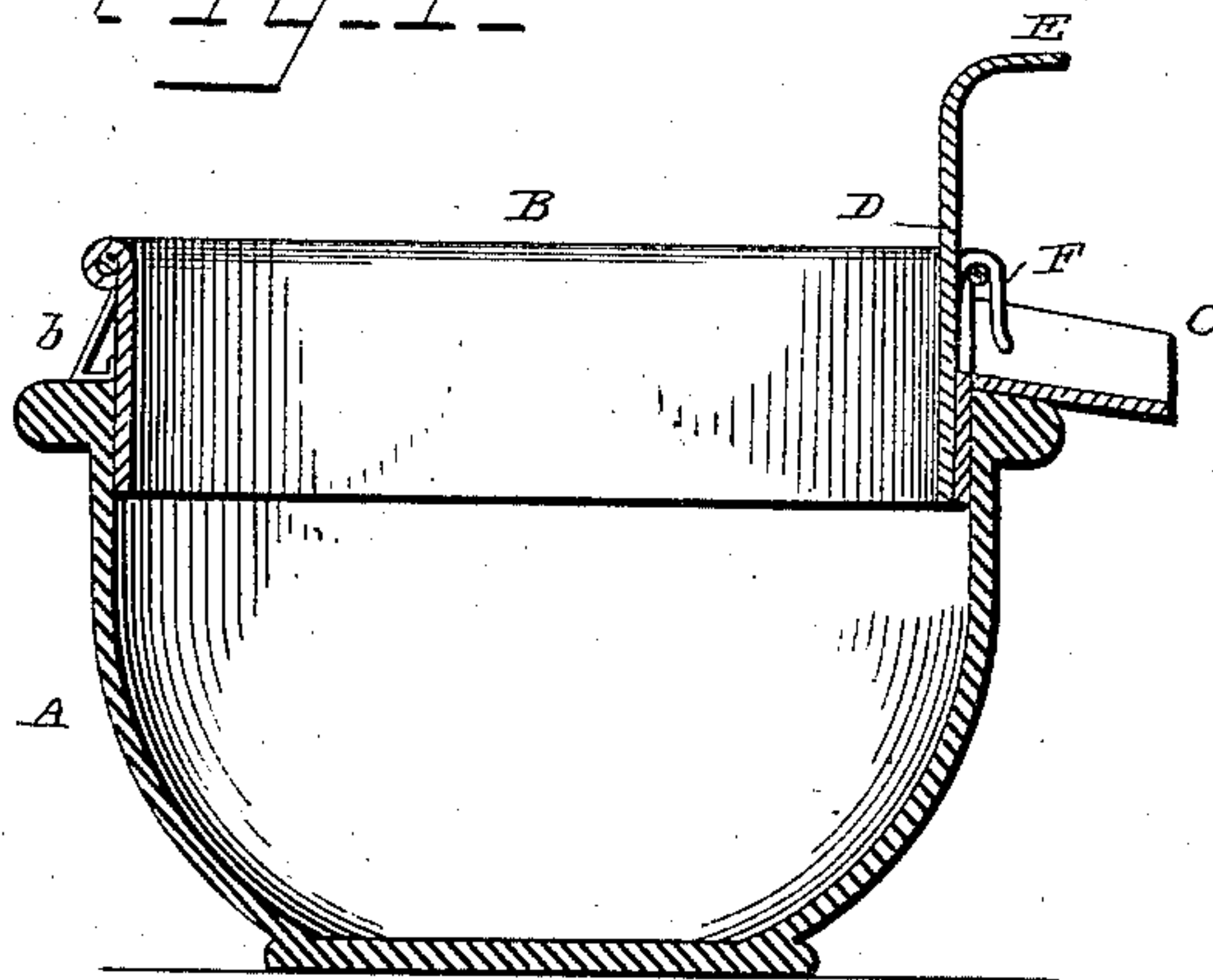
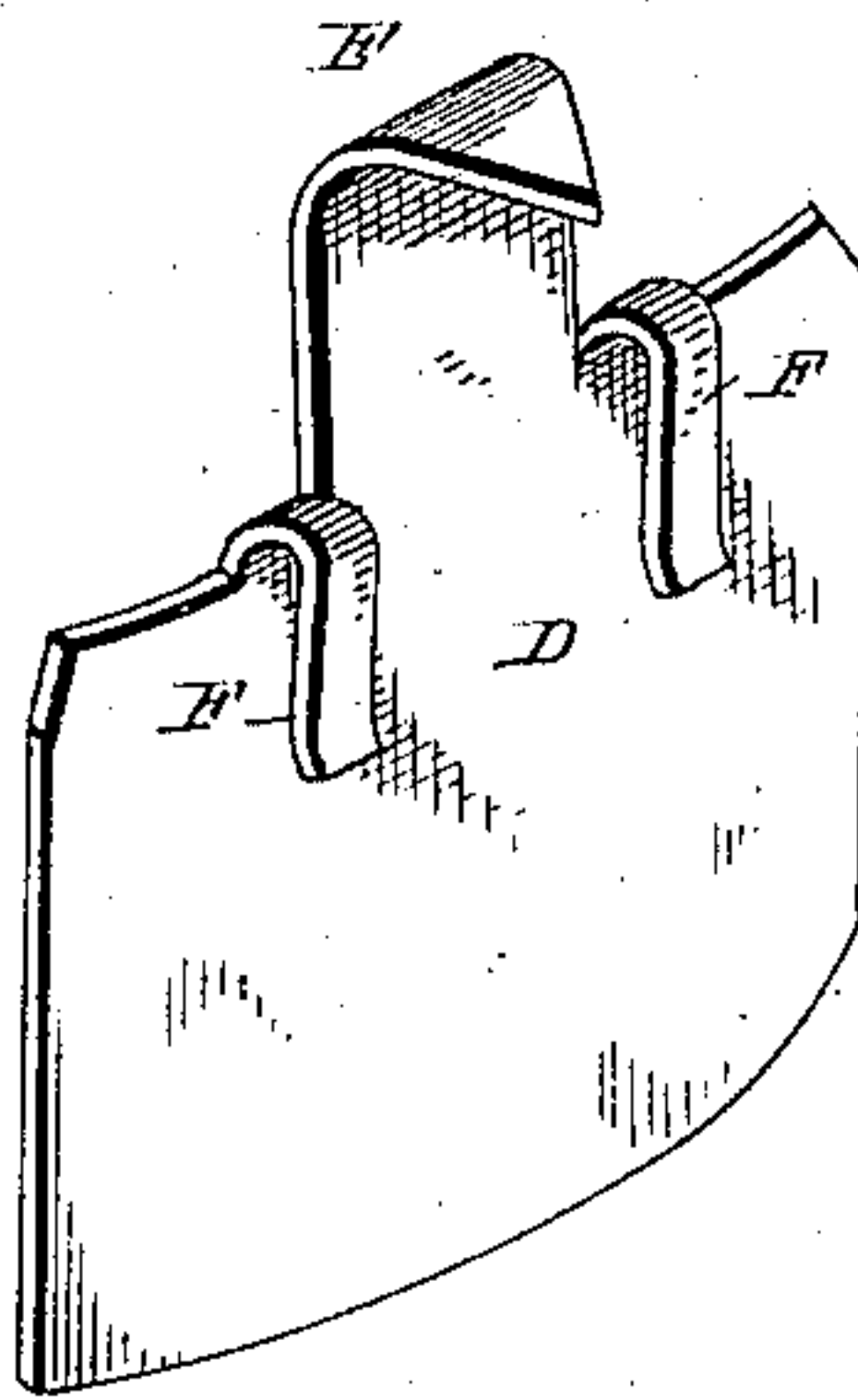


Fig. 2.



WITNESSES

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KETTLE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 312,478, dated February 17, 1885.

Application filed April 22, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM W. LAMME, a citizen of the United States, residing at Austin, in the county of Travis and State of Texas, have invented certain new and useful Improvements in Kettle Attachments, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to kettles for boiling and evaporating in candy-making or any similar process, and provides an attachment to be used with the kettle, whereby the "boiling over" of the material and the consequent running of the same down the sides of the said kettle are prevented. The material that would ordinarily flow over the sides of the kettle and waste is by the use of the device hereinafter described saved, and any and all danger of fire from the overflowing sugar in candy manufacture is prevented.

The device can be attached to any ordinary boiling-kettle, and can be used with any substance that has a tendency to effervesce on being boiled.

In the drawings, Figure 1 represents a vertical section through a kettle with the attachment thereon, and Fig. 2 a detail perspective of a piece adapted to close the spout when desired.

A represents a kettle of any desired construction, and adapted to boiling purposes. On the top of the kettle, and fitting in it, is the metal ring B, which is provided at different points on its outer surface with pieces b, adapted to rest on the projecting edge of the kettle and support the said ring B. This ring is provided on one side with a spout, C, projecting from a proper opening through the ring.

D represents a piece of metal of the shape shown in Fig. 2, and is adapted to close the opening in the ring leading to the spout. From the top of this piece is continued the tongue E, which is bent forward on its top, as shown. The material of the piece is also continued on each side of the tongue and bent downward to form the spring-clamps F, which are adapted to fit over the rim-wire of the ring on that portion that crosses the opening on the side of the said ring. It will readily be seen that should the material in boiling rise above the level of the kettle it will flow through the

spout and into some receiving-vessel, thus saving the said material and preventing it running down the sides of the kettle and into the fire, which would be more or less dangerous and very disagreeable. During the operation the piece D is raised, so as to leave the opening in the side of the ring free. By using the piece E as a handle and turning the piece D on the wire as a hinge the said piece is easily placed out of the way; or it may be entirely removed. When the material is such as to not be liable to boil over the top of the ring, the piece D is left "down," so as to close the hole in the said ring, so as to prevent it from escaping through the said hole.

Being aware of the fact that heretofore various kinds of covers provided with spouts have been used for kettles, such constructions are disclaimed.

Having described my invention, what I claim is—

1. An attachment for kettles of a shape corresponding to the general contour thereof, said attachment projecting above the walls of the kettle, around the edges of which it fits, having neither top nor bottom, and being provided with a spout, substantially as and for the purpose specified.

2. An attachment for kettles of a shape corresponding to the general contour thereof, said attachment projecting above the walls of the kettle, having neither top nor bottom, and provided with a spout below its upper edge, substantially as and for the purpose specified.

3. The ring provided with a spout and having a removable hinged piece to close or open the spout, the whole adapted to fit in a kettle, as and for the purpose specified.

4. An attachment for kettles, consisting of a ring provided with a wire strengthening-rim, and a spout projecting from a recess in the said ring, and a piece provided with spring-clamps which rest on and over a portion of the wire rim, and an extended continuation forming a handle, substantially as and for the purpose specified.

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

WILLIAM W. LAMME.

Witnesses:

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