T. BOWN.

Can Waxing or Soldering Apparatus.

No. 199,406. Patented Jan. 22, 1878.

Fig. 2.

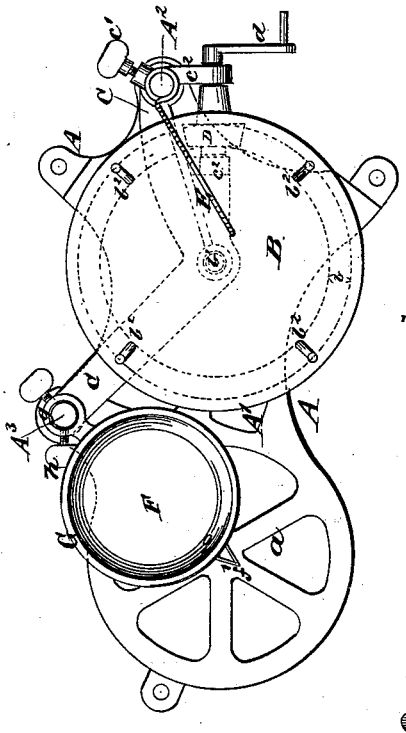
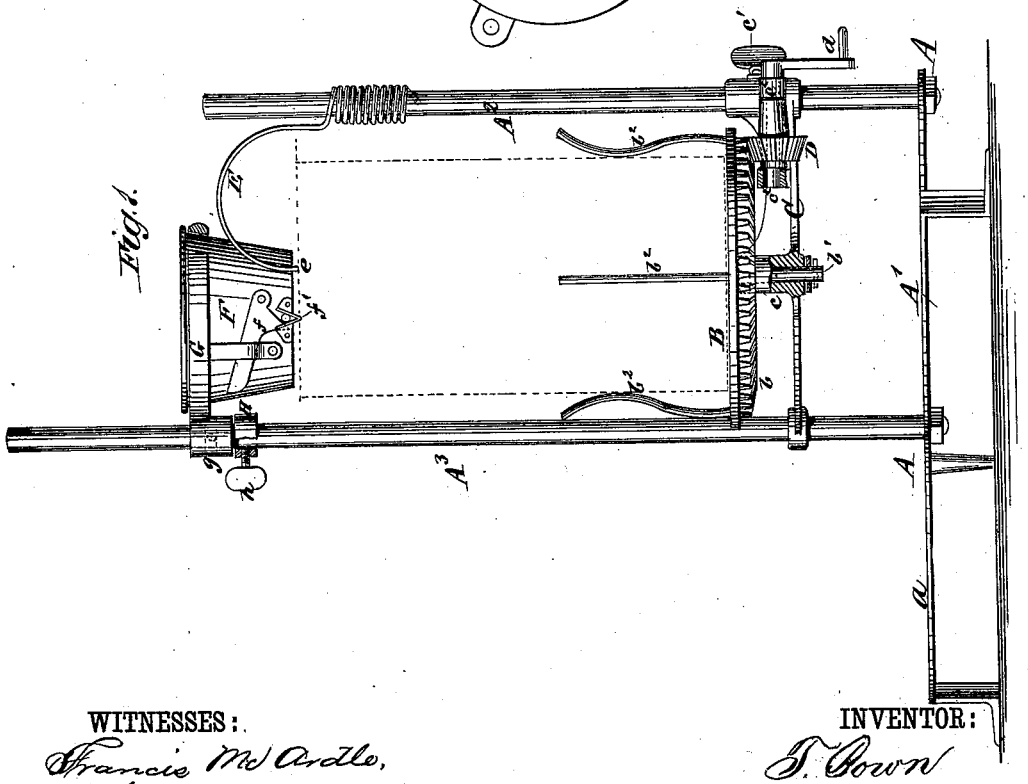


Fig. 1.



WITNESSES:

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UNITED STATES PATENT OFFICE.

THOMAS BOWN, OF SOUTH CHARLESTON, OHIO.

IMPROVEMENT IN CAN WAXING OR SOLDERING APPARATUS.

Specification forming part of Letters Patent No. **199,406**, dated January 22, 1878; application filed December 7, 1877.

To all whom it may concern:

Be it known that I, THOMAS BOWN, of South Charleston, in the county of Clarke and State of Ohio, have invented a new and Improved Can-Sealing Apparatus, of which the following is a specification:

The object of my invention is to provide a simple and convenient apparatus for waxing or soldering the covers onto cans for preserving fruits, vegetables, or for other similar purposes.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

In the accompanying drawing, Figure 1 represents a side view of my improved can-sealing apparatus. Fig. 2 is a top view of the same.

Similar letters of reference indicate corresponding parts.

The frame A of the apparatus consists of the platform A^1 and the uprights A^2 A^3, secured thereto. B is the turn-table, provided with a conical cog-ring, *b*, on its under side, and with a vertical central journal, b^1, working in the hub *c* of the cross-head C, which latter is fitted to slide on the uprights A^2 A^3, to enable its adjustment to any height to suit cans of different sizes, and securable in position on the uprights by the set-screw c^1.

D is a pinion, journaled in bearings c^2 on the cross-head C, and gearing into the cog-ring *b*, for revolving the table B by the crank *d*. The can to be operated upon is placed on the table B, between the three or more springs b^2, secured to the table for holding the can in position. The cover is then held in position on the can for sealing by adjusting the spring E, which is coiled around, or otherwise constructed to slide on, the upright A^2, so as to bring it to press with its point *e* on the cover. The can and cover being thus held in position for sealing, the vessel F, containing the melted wax or solder, is brought in such position that by opening the gate *f* the wax or solder will flow out through the spout *f'* into the groove formed on the cover for receiving it to seal the can.

The vessel F is adjustable in position vertically as well as laterally by being supported in the ring G, provided with the lug or hub *g*, which lug is perforated to fit and slide on the long standard or upright A^3, and is supported by the collar H, held by the set-screw *h*.

To keep the wax or solder melted for use, the vessel F is swung, with the ring G, a partial turn around the standard A^3, in the position shown in Fig. 2, above the vacant portion *a* of the platform A^1, and upon the latter is placed a spirit or other lamp for heating the vessel F.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The combination, with posts A^2 A^3, of the adjustable table B, having arms b^2, and the adjustable spring E, curved to form a pressing-point, *e*, as shown and described, whereby cans of varying sizes may be held.

THOMAS BOWN.

Witnesses:
W. H. FERARD,
A. F. TAFT.