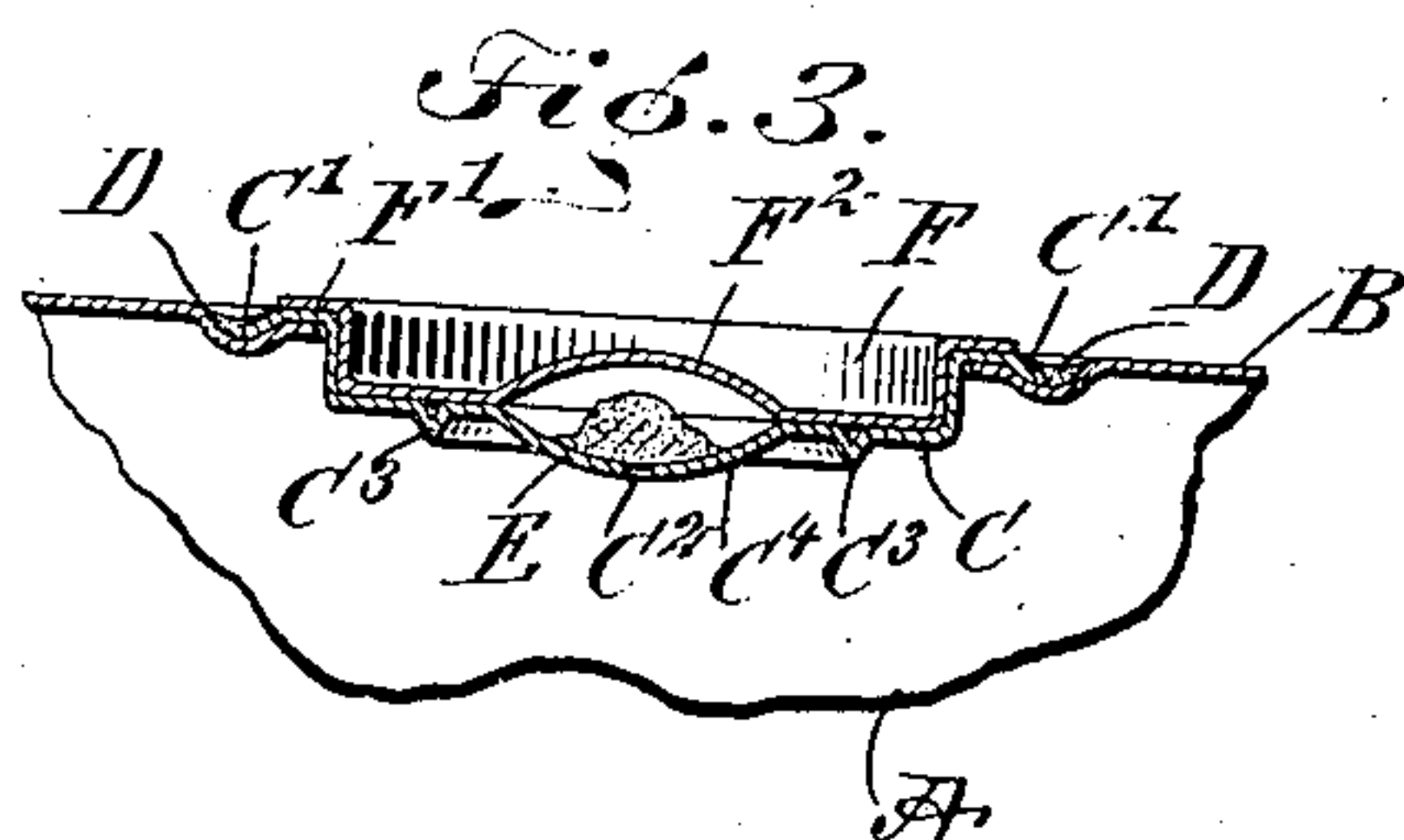
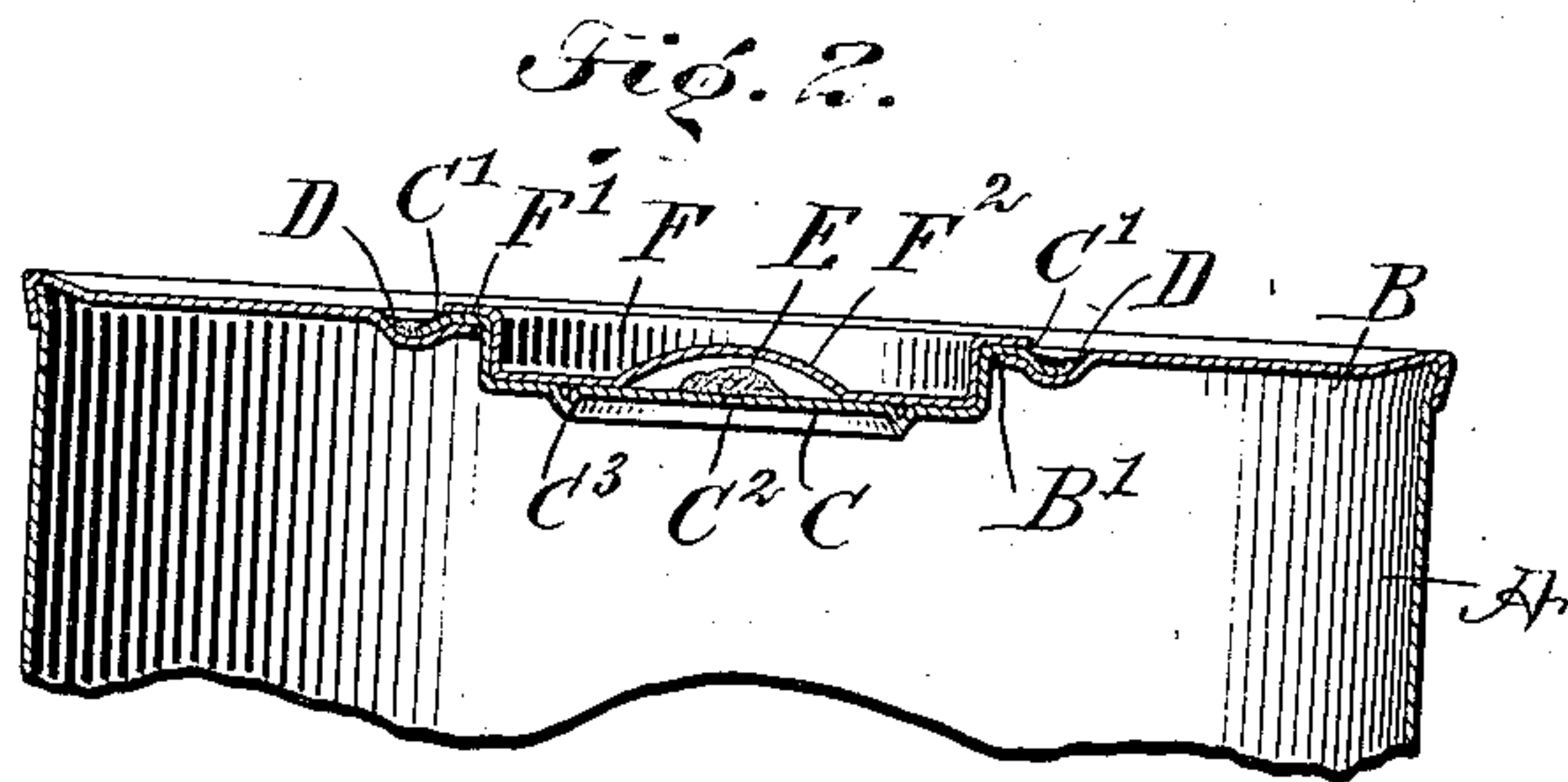
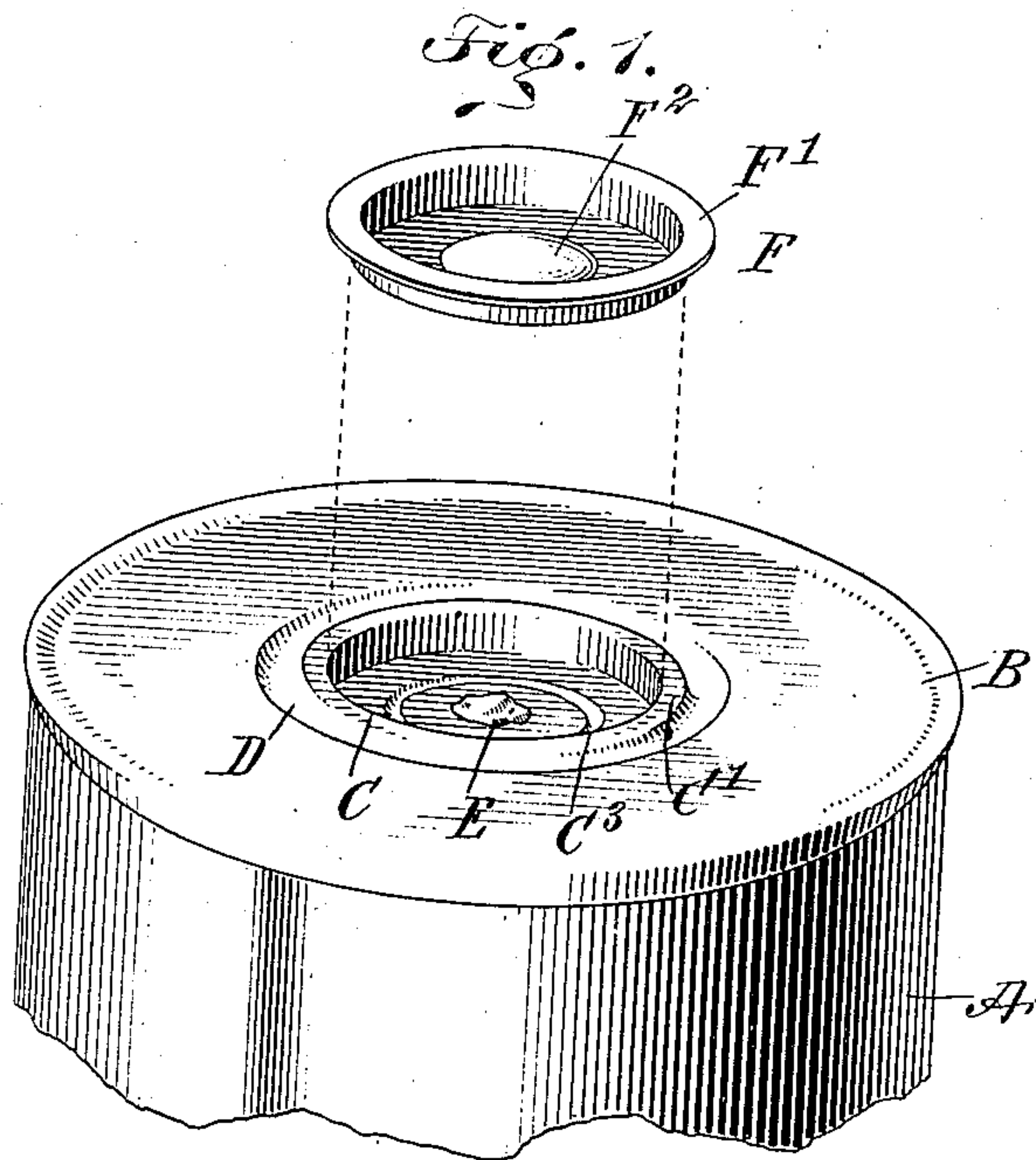


No. 848,463.

PATENTED MAR. 26, 1907.

J. W. HEARN.
CAN AND MEANS FOR VENTING AND CLOSING SAME.
APPLICATION FILED MAR. 7, 1906.



WITNESSES:

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JAMES W. HEARN, OF NEW ORLEANS, LOUISIANA.

CAN AND MEANS FOR VENTING AND CLOSING SAME.

No. 848,463.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed March 7, 1906. Serial No. 304,688.

To all whom it may concern:

Be it known that I, JAMES W. HEARN, a citizen of the United States, and a resident of New Orleans, in the parish of Orleans and State of Louisiana, have invented a new and Improved Can and Means for Venting and Closing the Same, of which the following is a full, clear, and exact description.

The invention relates to cans and means for closing the same—such, for instance, as shown and described in the Letters Patent of the United States, No. 655,614, granted to G. H. Dunbar on August 7, 1900.

The object of the invention is to provide a new and improved can and means for venting and closing the same arranged to allow convenient venting of the filled can during the steaming or cooking process and to permit ready sealing of the can after the cooking and venting process is completed.

The invention consists of novel features and parts and combinations of the same, which will be more fully described herein-after and then pointed out in the claims.

A practical embodiment of the invention is represented in the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improvement, showing the pry-cover removed from the cap. Fig. 2 is a sectional side elevation of the improvement, showing the can completely closed; and Fig. 3 is a like view of a modified form of the same.

The can-body A is provided with the usual top B, formed with a filling-opening B', adapted to be closed by a dished cap C after the can-body A is filled, the said cap C being provided with an outwardly-extending annular flange C', fastened by solder D to the top B adjacent to the filling-opening B' thereof, as plainly indicated in the drawings.

The cap C is provided, preferably at its middle, with a vent-opening C² to properly vent the can during the steaming and cooking process and after this process is completed the said vent-opening C² is closed by a drop of solder E, as plainly illustrated in the drawings. The closing-cap C is also provided with the usual annular depression C³, adapted to be followed by a suitable cutting-tool whenever it is desired to open the can to obtain access to the contents thereof or to

allow of emptying the can of its contents. Into the closing-cap C fits a pry-cover F, provided with an outwardly-extending annular flange F', extending over a portion of the flange C', to allow convenient insertion of a tool between the flanges C' and F' to pry the cover F open whenever the consumer desires to obtain access to the contents of the can C with a view to emptying the same.

In order to prevent interference of the solder E for the proper fitting of the cover F in the cap C, a space is formed for the accommodation of the solder E, as will be readily understood by reference to Figs. 2 and 3, the said space being preferably formed by making a depression F² in the pry-cover F, as plainly shown in Figs. 1 and 2, or by forming both the pry-cover F and the cap C with depressions F² and C⁴, as illustrated in Fig. 3. Thus by the arrangement described sufficient space is provided for the solder E, and at the same time the pry-cover F fits snugly into the cap C, and when the consumer has removed the pry-cover F he can readily cut out a portion of the cap C along the annular depression C³ to obtain access to the contents of the can.

By locating the vent-opening C² centrally in the cap C an extra handling of the can in the canning-room is obviated, and at the same time the ugly sight of the solder covering the vent-hole usually formed in the top B is avoided, as the solder E is covered up by the pry-cover F. Another advantage of the arrangement is that the can can be run through a capping-machine provided with a small fluxing-brush to distribute the flux over the vent-opening C², as the latter is always in one place—that is, in the center of the cover C—and consequently the machine can be arranged to reach at that point. With the vent-opening in the top B it is apparent that the fluxing-brush cannot well reach the vent-opening if attached to the capping-machine.

In the manufacture of the can described the cover C is provided with the vent-opening C², and hence it is not necessary for the canner to form such vent-opening in the top B. Besides, the vent-opening can be readily closed by the solder E, as previously described, after the cooking or steaming process is completed, the solder being completely hid from view by the pry-cover F.

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

1. A can comprising a can-body having a filling-opening, a cap for closing the filling-opening, and provided with a vent-opening, and a cover fitting the cap, said cover and cap fitting closely at their edges, but spaced apart at their centers to form a solder-containing recess therebetween.
2. A can comprising a can-body having a filling-opening, a cap for closing the filling-opening and having a vent-opening, solder closing the vent-opening, a pry-cover removably fitting the said cap and covering up the said solder, a solder-containing recess being formed between the said cap and the said cover for the latter to snugly fit the cap without interference by the said solder.
3. A can comprising a can-body having a

filling-opening, and a cap for closing the said filling-opening and provided with a vent-opening, a cover fitting the cap the said cover having an upwardly-pressed portion directly above the said filling-opening.

4. A can comprising a can-body having a filling-opening, and a cap for closing the said filling-opening and provided with a vent-opening, a cover fitting the cap the said cover having a depression in its under side directly above the said filling-opening, and the said cap having a depression in which the said vent-opening is formed.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JAMES W. HEARN.

Witnesses:

THEO. G. HOSTER,
EVERARD B. MARSHALL.