

No. 891,260.

PATENTED JUNE 23, 1908.

C. H. HUTCHINSON.
CORKSCREW.

APPLICATION FILED JAN. 13, 1908.

Fig. 1.

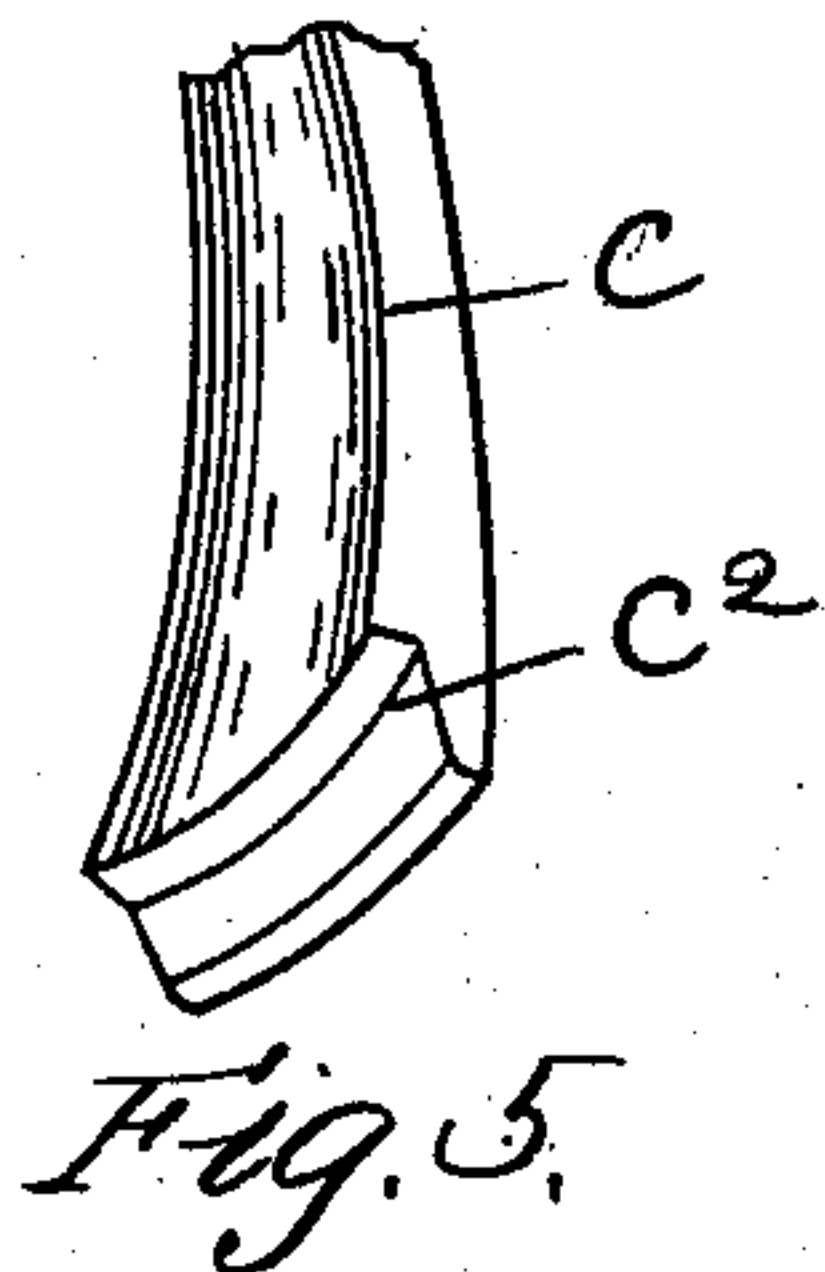
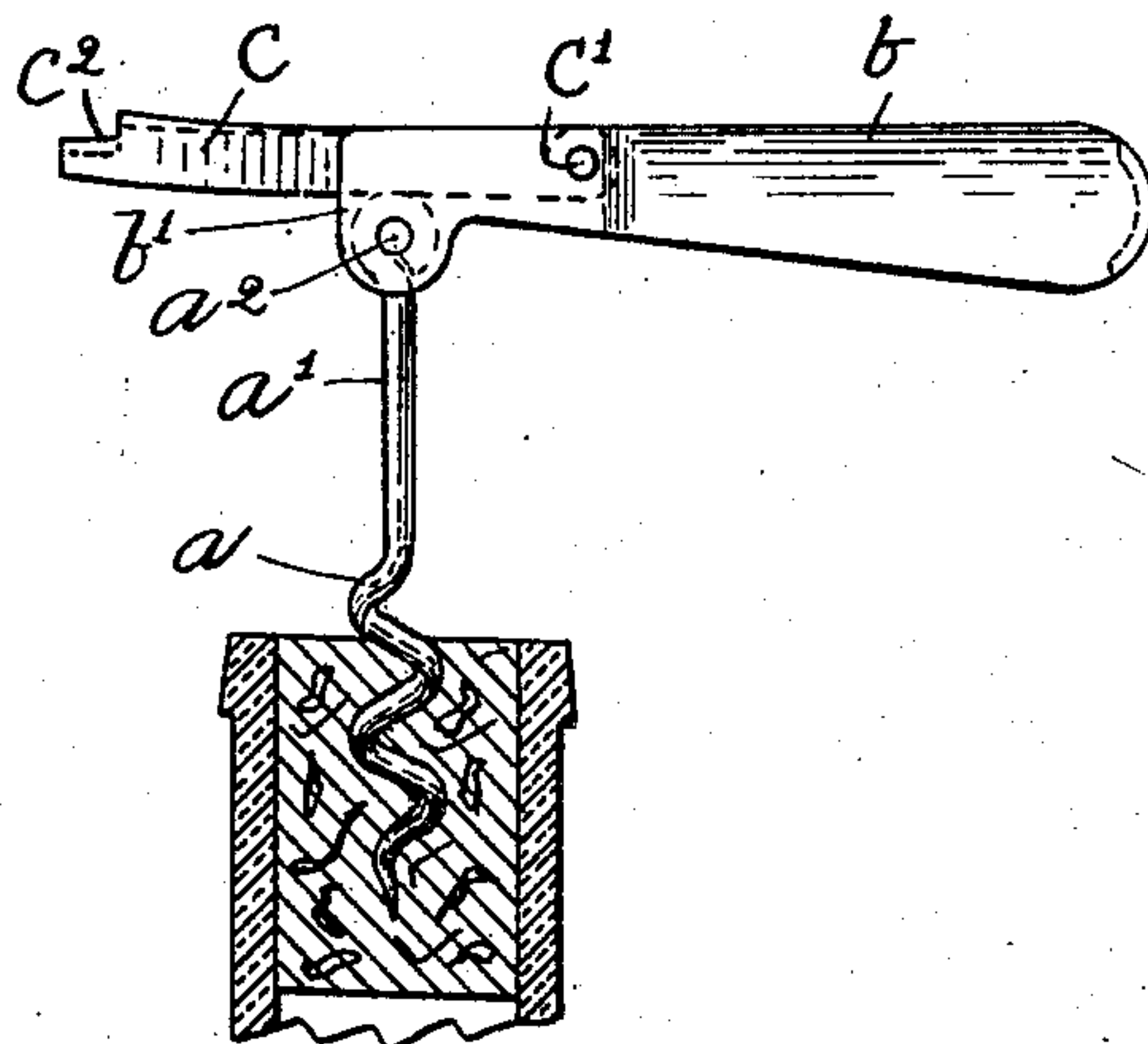


Fig. 5.

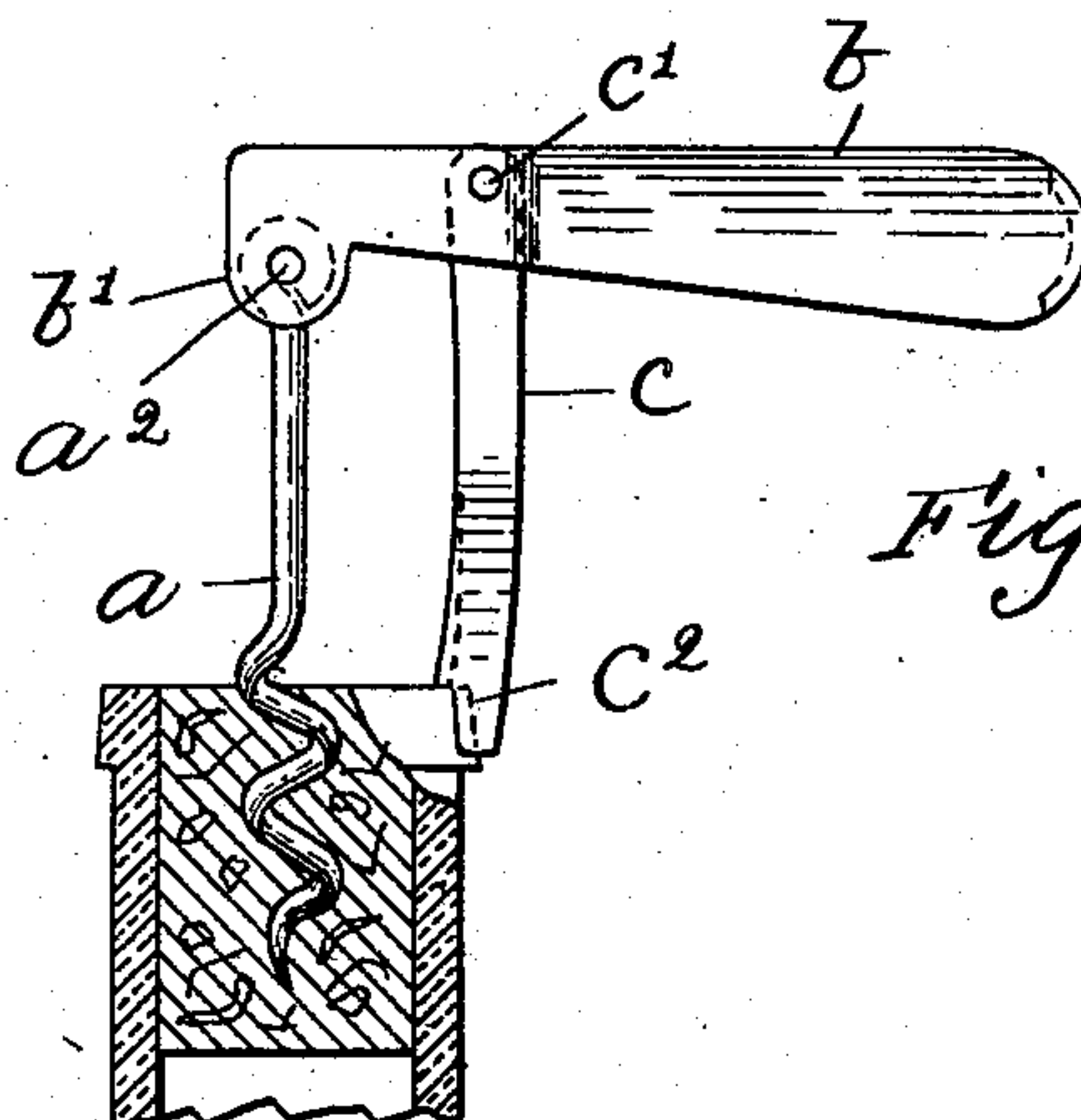


Fig. 2.

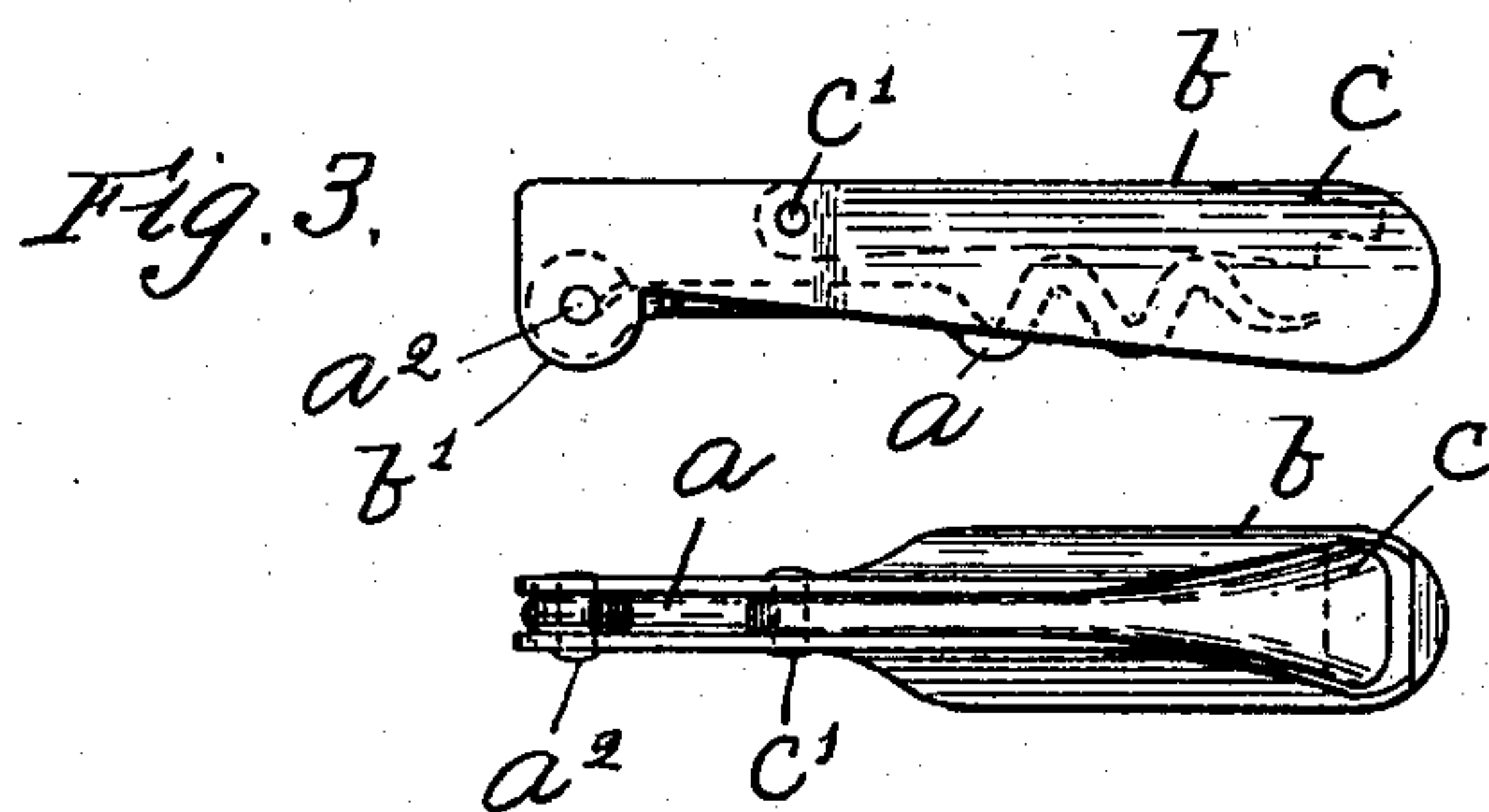


Fig. 4.

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UNITED STATES PATENT OFFICE.

CARLETON H. HUTCHINSON, OF BOSTON, MASSACHUSETTS.

CORKSCREW.

No. 891,260.

Specification of Letters Patent.

Patented June 23, 1908.

Application filed January 13, 1908. Serial No. 410,511.

To all whom it may concern:

Be it known that I, CARLETON H. HUTCHINSON, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Corkscrews, of which the following is a specification.

This invention relates to corkscrews and has for its object to construct a corkscrew which is collapsible and which comprises a screw, a handle and a pivoted lever, said lever being so arranged that when in one position it will serve as an extension of the handle, to facilitate turning the corkscrew and when in another position will serve as a fulcrum-lever to enable the cork to be withdrawn by depressing the handle.

Figure 1 shows in side elevation a corkscrew embodying this invention, the parts being in the positions they will occupy when the screw is being turned into the cork. Fig. 2 is a similar view showing the parts in the positions they will occupy when the cork is being withdrawn from the bottle. Fig. 3 is a similar view showing the parts in the positions they will occupy when the device is collapsed. Fig. 4 is a plan view of the device shown in Fig. 3. Fig. 5 is a detail showing in perspective the end portion of the pivoted lever.

a represents the screw, which is made in any well-known or suitable manner, and *a'* the shank thereof.

b represents the handle, of suitable shape to be grasped by the hand of the operator. It is or may be composed of sheet metal bent or otherwise fashioned into the form of a loop, so as to present a pair of parallel arms. The handle thus constructed provides a longitudinal recess between its arms, which is open at the top and also at the bottom. At one end of the handle a pair of ears *b'* are formed. The shank of the screw has an eye at its upper end which receives a pivot-pin *a''*, which extends through the ears *b'* of the handle, so that the screw is pivotally connected to the handle at one end thereof and may be moved into a position at right angles to the handle, as shown in Fig. 1, or into position in parallelism therewith, as shown in Fig. 3. When moved into the position in parallelism with the handle it enters the recess therein and becomes partially concealed.

A lever *c* is pivotally connected to the handle, near one end thereof, as at *c'*, and it is formed at its lower end with a notch as at *c''*,

arranged to engage the edge of the top of the bottle. It is preferably curved in the direction of its length and its lower end portion is also curved transversely, see Fig. 5, to better enable it to engage the bottle and to obtain a long bearing thereon. It normally occupies a position in parallelism with the handle, as shown in Fig. 3, it being contained in the recess therein, and being partially concealed. It is adapted to be moved on its pivot in an upward direction passing through the opening at the top of the recess in the handle, so as to occupy a position approximately in alinement with the handle, as shown in Fig. 1. When in such position it forms an extension of the handle, and the two parts *b* and *c* together serve as a cross-bar to be engaged by the hand of the operator when turning the screw. When the screw has been screwed into the cork the lever *c* is swung back through the opening at the top and bottom of the recess in the handle *b*, and is moved down into the position shown in Fig. 2, at right angles to the handle, and its lower end is brought into engagement with the edge of the top of the bottle. When occupying this position it will serve as a fulcrum-lever so that the handle *b* may be depressed and the screw raised and the cork withdrawn.

I do not desire to limit my invention to the particular construction of the several parts so long as they are pivotally connected together and arranged to be moved into position for use, and also into parallelism, when not in use, and that the lever *c* may be moved into alinement with the handle to form an extension thereof when turning the screw into the cork, and also moved into a position at right angles to the handle to serve as a fulcrum-lever when withdrawing the cork from the bottle.

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

1. A corkscrew comprising a handle having a longitudinal recess which is open at the top and bottom, a screw pivotally connected thereto at one end, which is movable on its pivot into a position in parallelism therewith and also at right angles thereto, a lever also pivotally connected thereto near one end, which is movable on its pivot to occupy a position in parallelism therewith and also in alinement therewith and also at right angles thereto, said lever passing through the open-

ings at the top and bottom of the recess in the handle, as its position with respect thereto is changed, substantially as described.

2. A corkscrew comprising a handle having a longitudinal recess which is open at the top and bottom, a lever pivotally connected thereto, near one end, which is movable on its pivot into a position in parallelism therewith, and also in alinement therewith and also at right angles thereto, said lever passing through the openings at the top and bottom of the recess in the handle, as its position

with respect thereto is changed, and a screw also pivotally connected to said handle, at one end, on top of which said lever rests when in alinement with the handle, substantially as described.

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

CARLETON H. HUTCHINSON.

Witnesses:

B. J. NOYES,
H. B. DAVIS.