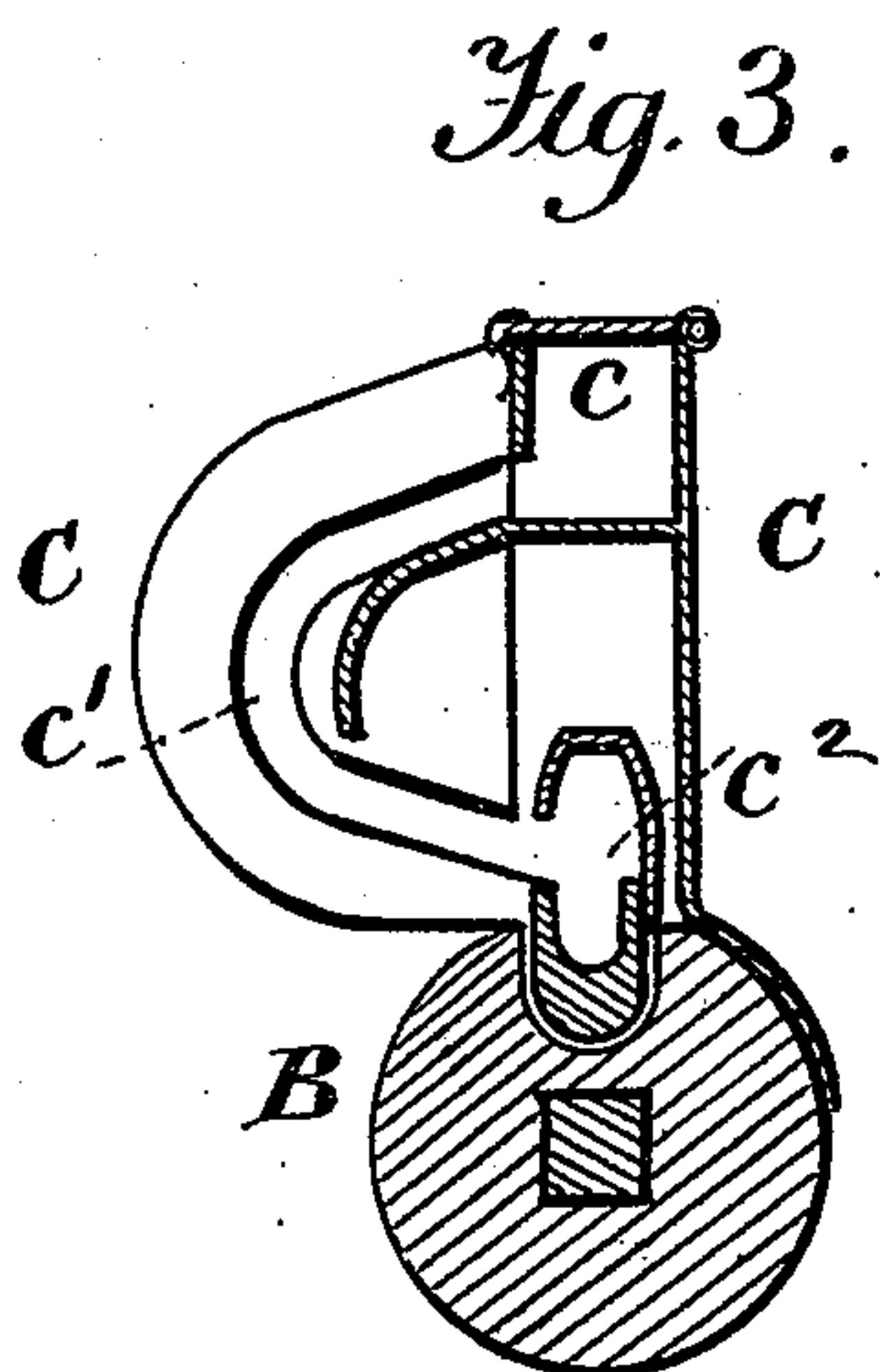
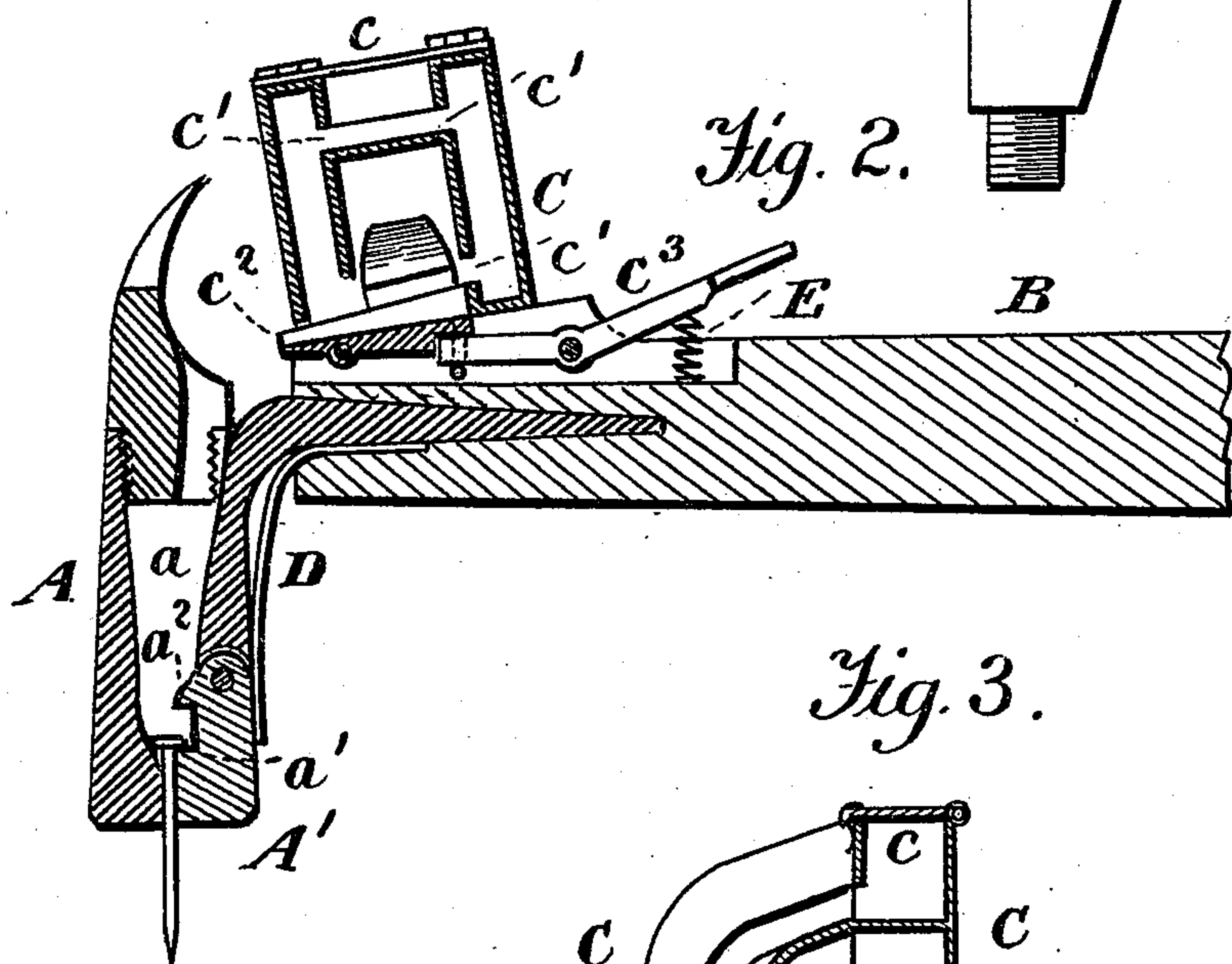
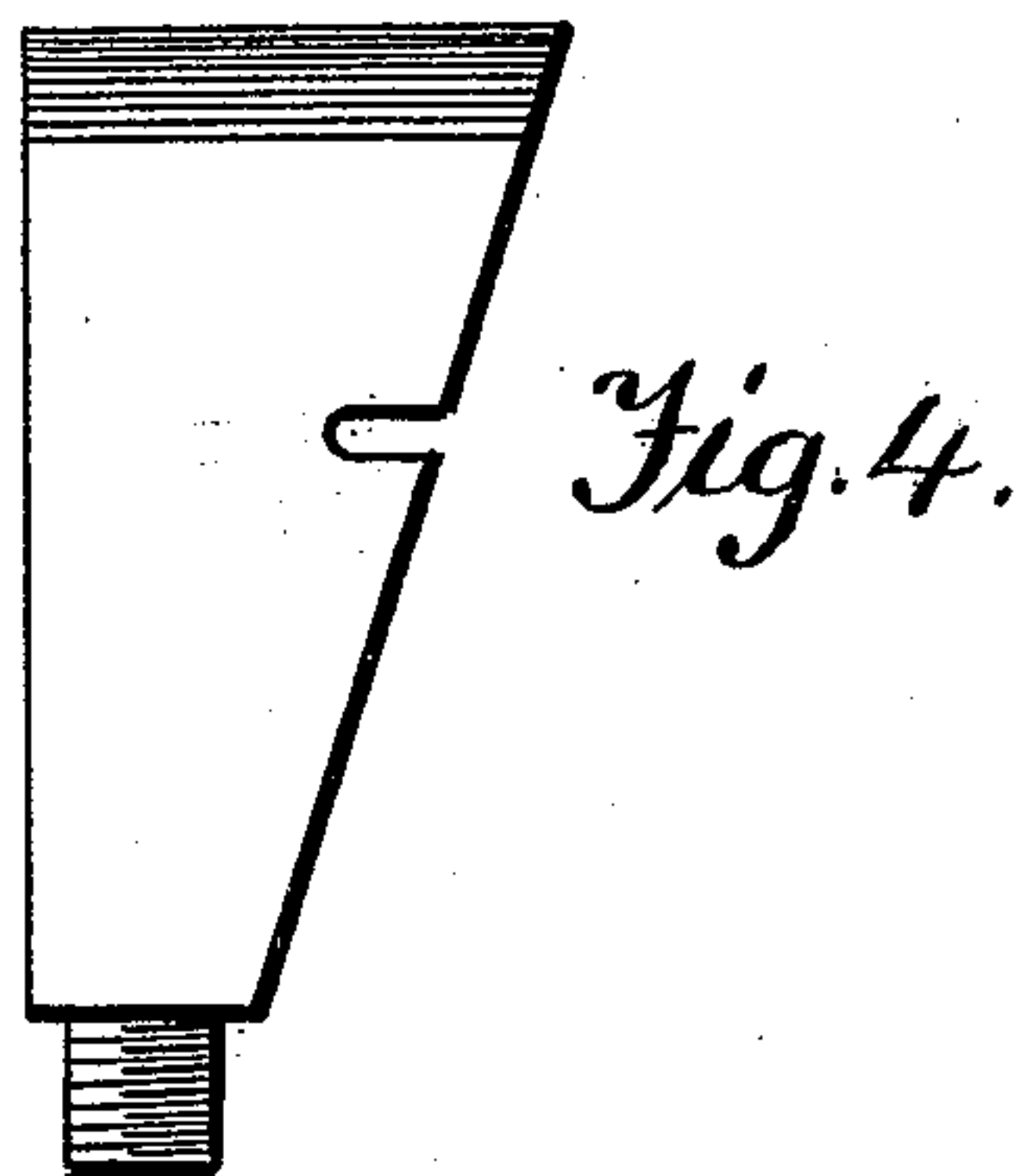
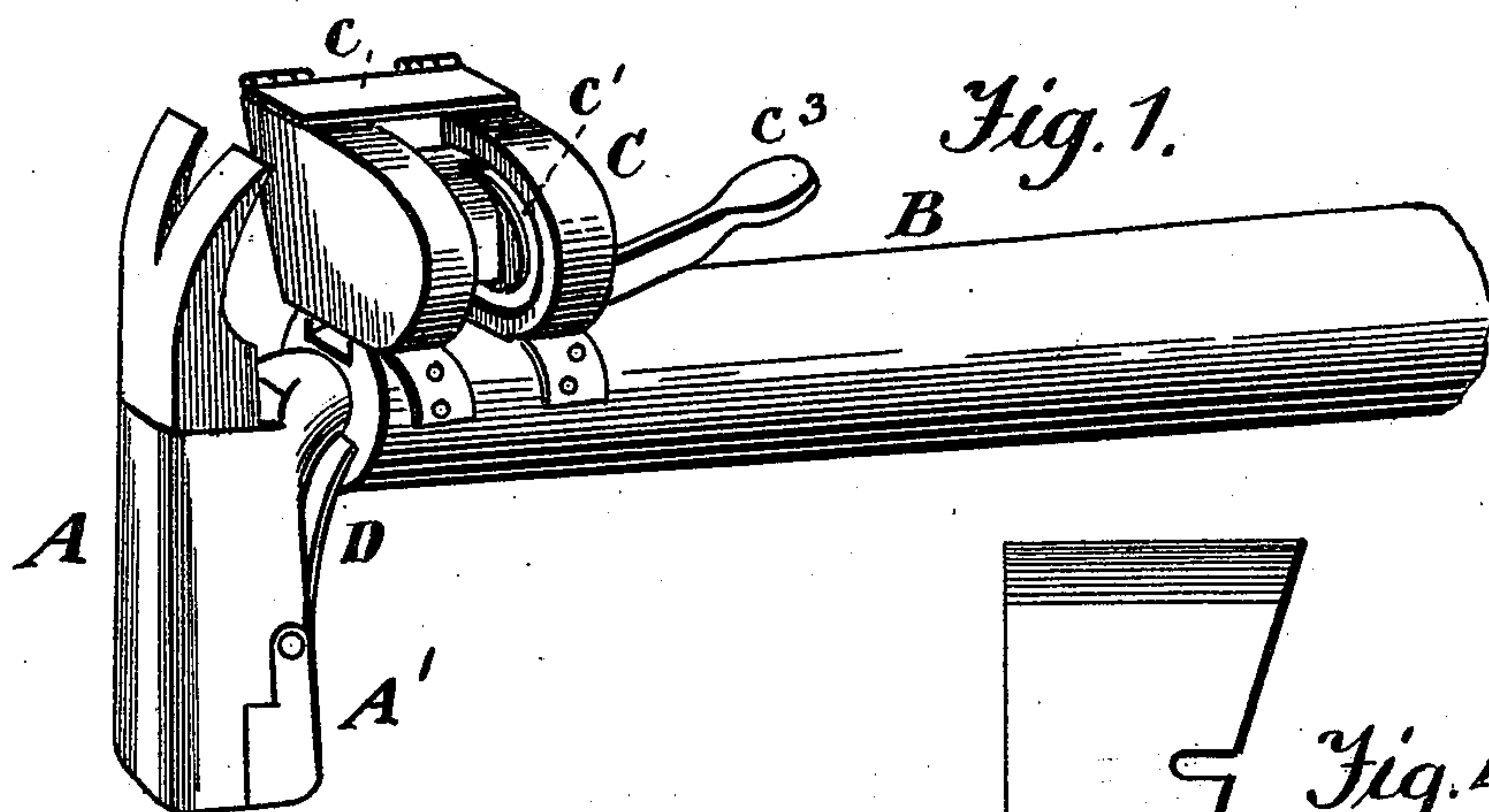


(No Model.)

W. A. WILEY.  
LATH OR SHINGLE HAMMER.

No. 517,911.

Patented Apr. 10, 1894.



Witnesses  
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# UNITED STATES PATENT OFFICE.

WILLIAM ALFRED WILEY, OF ROCHESTER, MINNESOTA, ASSIGNOR OF ONE-HALF TO JAMES F. HARVEY, OF SAME PLACE.

## LATH OR SHINGLE HAMMER.

SPECIFICATION forming part of Letters Patent No. 517,911, dated April 10, 1894.

Application filed May 27, 1893. Serial No. 475,709. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM ALFRED WILEY, a citizen of the United States, residing at Rochester, in the county of Olmsted and State of Minnesota, have invented certain new and useful Improvements in Lath or Shingle Hammers; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

The special object of the invention is to make a hammer by which lath and shingle nails may be automatically fed through it from a reservoir or holder, thereby rendering the manipulation of each nail unnecessary, the hammer being made in different sizes to suit the nail for which it is intended.

Figure 1 of the drawings is a perspective view of my hammer, ready for use and with a claw; Fig. 2 a longitudinal section thereof in a median vertical plane; Fig. 3 a vertical cross-section; and Fig. 4 a detail view of a hatchet which may be used instead of the claw.

In the drawings, A represents the hammer provided with a suitable handle B and with the nail reservoir or holder C. The latter has a hopper *c* in which the nails are arranged with the points toward the hammer while *c'* is a curved slot along which the nails are guided around to the support *c<sup>2</sup>* where they remain at rest until the pivotal lifter *c<sup>3</sup>* raises the rear end of the support *c<sup>2</sup>* when the lowest nail in the pile slides into the channel *a*, through the hammer, except the head which is caught on the flange *a'* at the middle of the working face of the hammer and at the outlet of the channel *a*. On the inner side of the hammer is a hinged jaw *A'* which is held in place by the spring D attached to the handle

B. As the hammer is raised up after driving the nail, the latter's head presses the jaw *A'* open to get out and it is then closed again by the spring D. The hinged jaw *A'* has, on the inside, a rectangular recess opening opposite to the channel *a* of the hammer and provided with the opposite shoulders *a' a<sup>2</sup>*, the former to support the nail head before it is driven and the latter to support it as it is being driven.

In order to make the lifter *c<sup>3</sup>* throw a nail into the hammer, the spring E is pressed down on top of the handle B and when it springs back after being let go, a nail will be thrown into the hammer.

Having thus described all that is necessary to a full understanding of my invention, what I claim as new, and desire to protect by Letters Patent, is—

1. In hammers, the nailholder C having the hopper *c* the curved slot *c'*, the pivoted support *c<sup>2</sup>* and the tilting lever *c<sup>3</sup>* supported at the handle by a spring, in combination with a recessed hammer handle and a hammer-head having a channel open at the top for the purpose set forth.

2. The hammer head A having the channel *a* extending perpendicularly therethrough and so shaped as to permit the free passage of the nail except at its outer end which is only large enough for the passage of the shank of the nail which is thus retained by the head only, and provided with a spring held pivoted jaw *A'* cut out on the inside to form the shoulders *a' a<sup>2</sup>* between which the nailhead is supported, all substantially as shown and described.

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

WILLIAM ALFRED WILEY.

Witnesses:

WM. F. KLEE,  
J. A. PIERCE.