

(No Model.)

L. K. SCUDDER.  
ROWLOCK.

No. 534,524.

Patented Feb. 19, 1895.

Fig. 1.

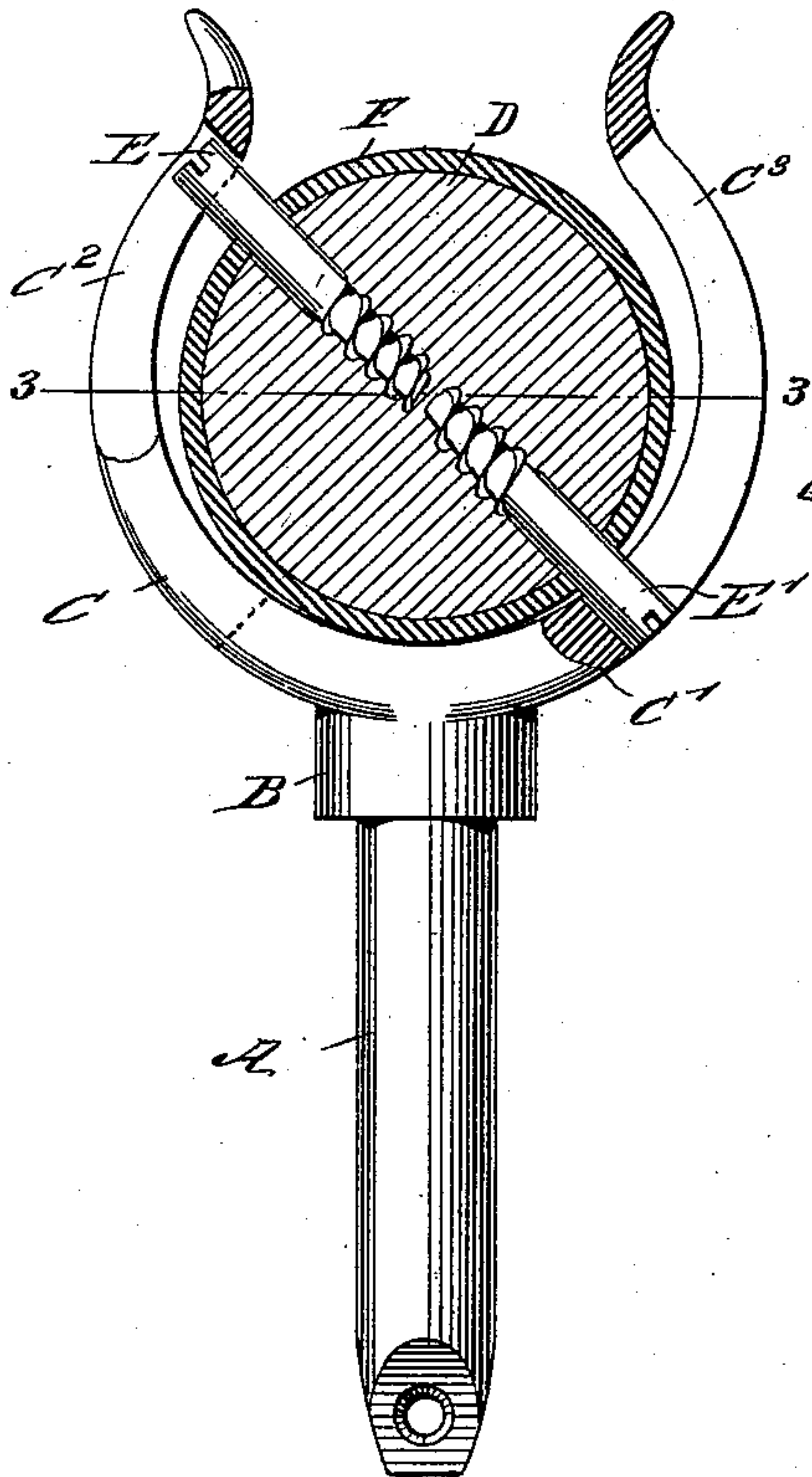


Fig. 2.

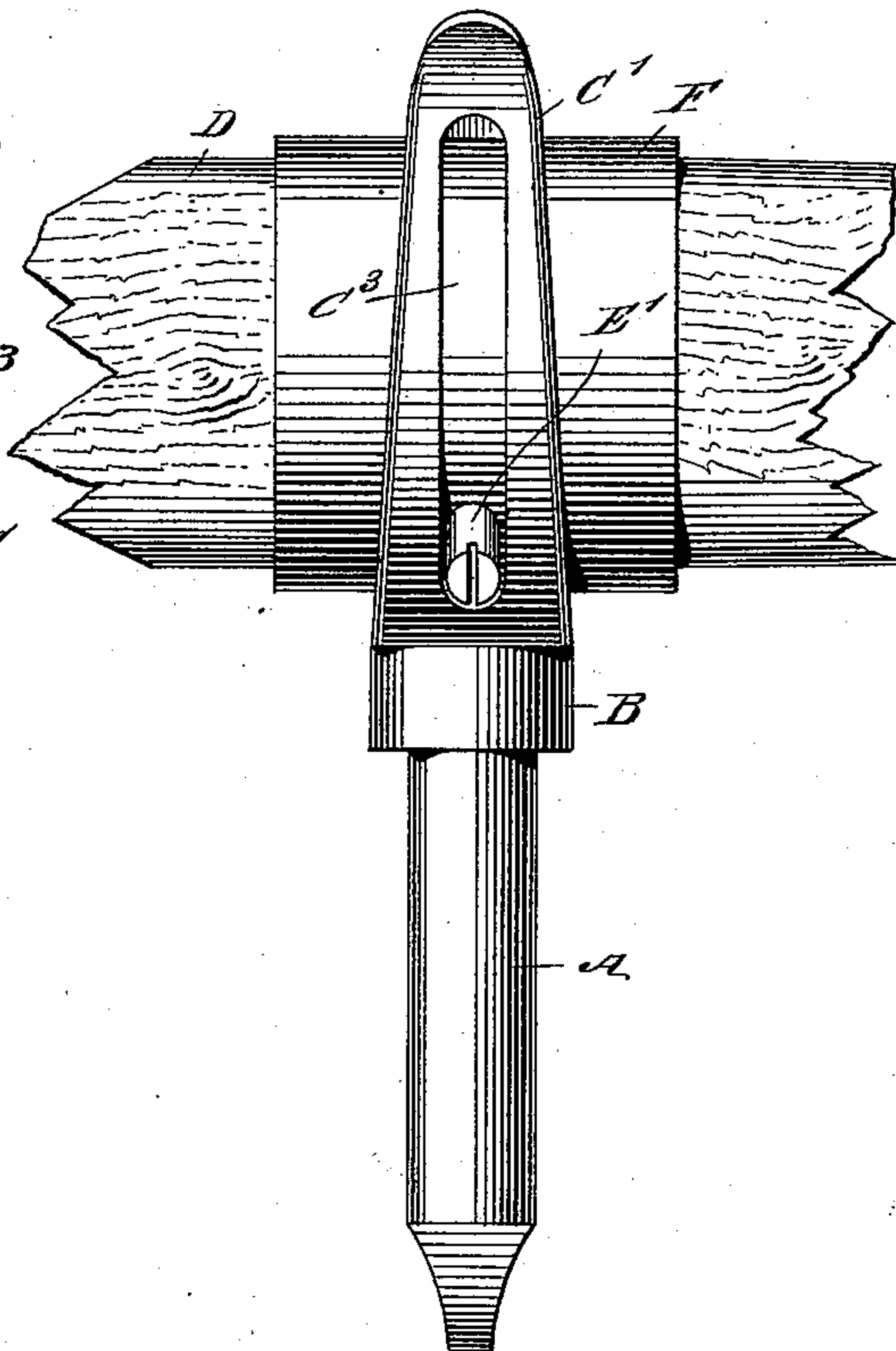
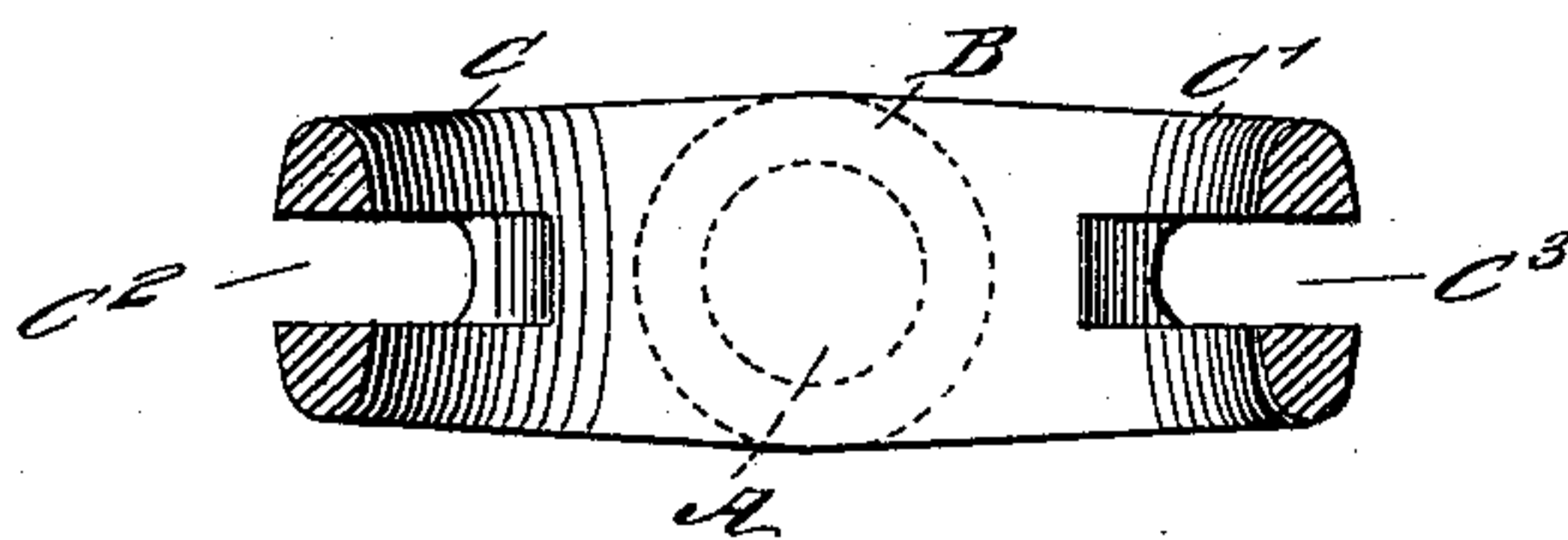


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

LORIN KENT SCUDDER, OF GLENWOOD, NEW YORK.

## ROWLOCK.

SPECIFICATION forming part of Letters Patent No. 534,524, dated February 19, 1895.

Application filed October 9, 1894. Serial No. 525,350. (No model.)

*To all whom it may concern:*

Be it known that I, LORIN KENT SCUDDER, of Glenwood, in the county of Queens and State of New York, have invented a new and Improved Rowlock, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved row lock arranged to prevent displacement of the oar in the lock, and to permit the operator to conveniently manipulate the oar while rowing.

The invention consists of a pintle, from which extend horns formed with slots, adapted to be engaged by the projecting ends of screws or pins secured in the stem of the oar.

The invention also consists of certain parts and details and combinations of the same, as will be fully described hereinafter, and then pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a cross section of the improvement. Fig. 2 is a side elevation of the same; and Fig. 3 is a sectional plan view of the same, on the line 3—3 of Fig. 1.

The improved row lock is provided with a pintle A, formed at its upper end with a shoulder B adapted to rest on top of the bearing on which the pintle A is mounted to turn. From the shoulder B extend the oppositely arranged horns C and C', through which passes the stem D of the oar, the said stem being provided with diametrically arranged screws or pins E and E' projecting at their outer ends beyond the stem to engage slots C<sup>2</sup> and C<sup>3</sup> respectively, formed in the horns C and C', as plainly indicated in Figs. 1 and 2.

Now, it will be seen that by the arrangement described, the turning motion of the oar is limited by the projecting ends of the pins or screws E and E' striking against the upper and lower ends of the slots C<sup>2</sup> and C<sup>3</sup>, it being understood, however, that the said slots

are of a length sufficient for all the turning motion of the stems required while rowing. It will further be seen that the said pins or screws E and E' permit of imparting a swinging motion to the oar, no matter in what position, in the slots C<sup>2</sup> and C<sup>3</sup>, so that by the construction described, the operator is enabled to give a perfect feathering motion to the oar. By making the slots C<sup>2</sup>, C<sup>3</sup> open along their entire length and especially at the bottom no closed space is provided for the lodgment of water or dirt. It will also be seen that by using the screws E and E', the latter can be readily taken out of the stem to disengage the stem and the horns and to permit of sliding the stem out of the row lock whenever required.

It is understood that the pintle A, shoulder B and the horns C and C' are preferably made of one single piece of metal. In order to reduce the noise incident to the movement of the stem in the horns, I prefer to surround the stem with a ring F, made of leather or other suitable material, and through which pass the pins E and E' previously mentioned.

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

A row lock comprising a pintle having a shoulder formed at the upper end thereof, curved horns integrally formed with said pintle and extending from opposite sides of said shoulder, said horns being each provided with an open slot extending through it, the slots having their ends opposite each other and screws secured in the stem of the oar with their ends projecting in opposite directions and adapted to engage and play along said slots, said screws being aligned diametrically of the oar substantially as set forth.

LORIN KENT SCUDDER.

Witnesses:

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