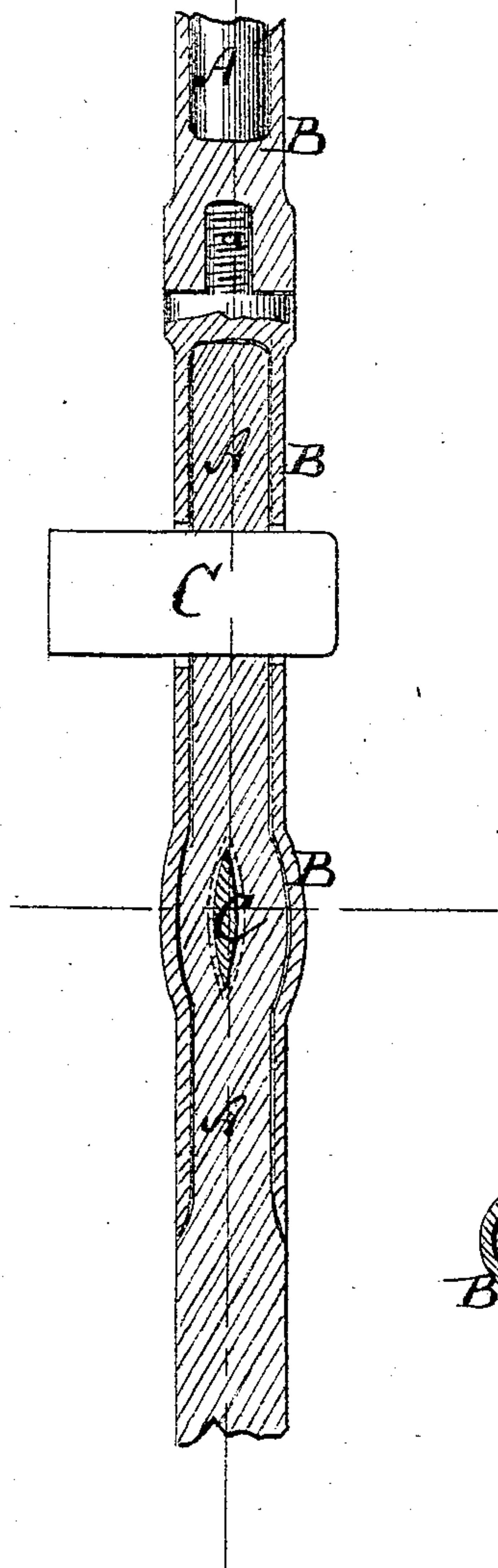


A. CROSBY.  
Sucker-Rod Joint.

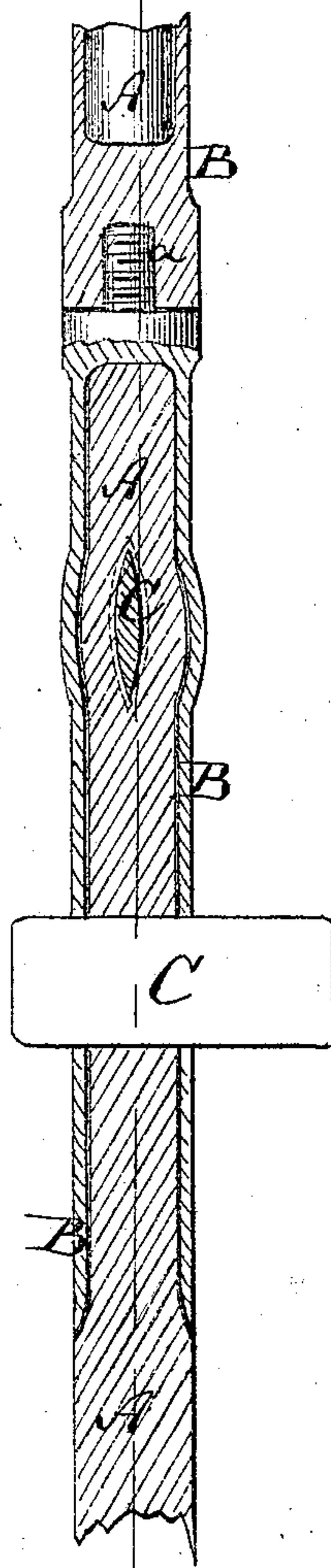
No. 127,464.

Patented June 4, 1872.

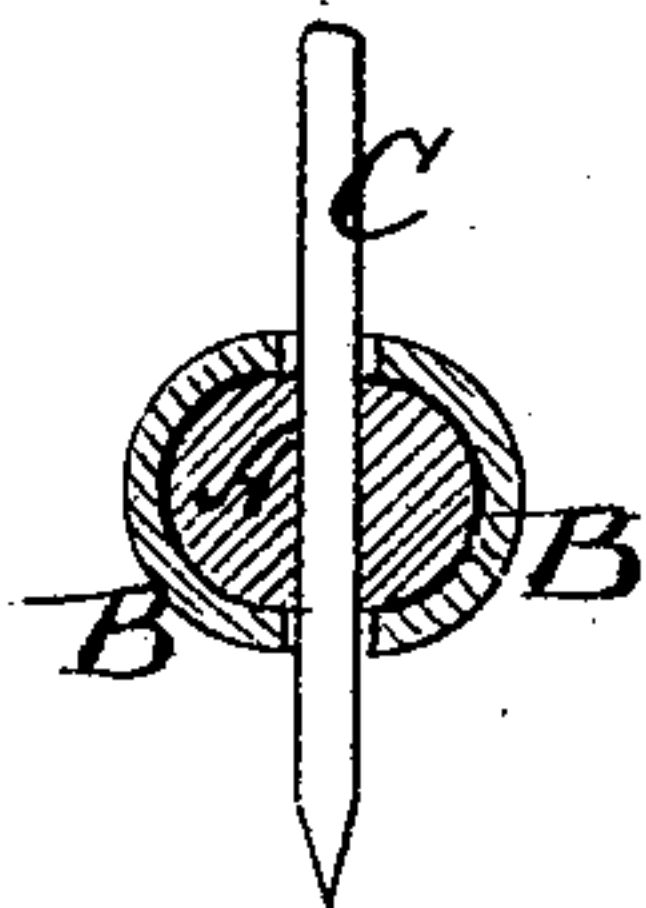
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:

John Becker  
Geo W. Mabee

Inventor:

A. Crosby

PER

Munnell  
Attorneys.

## UNITED STATES PATENT OFFICE.

ADDISON CROSBY, OF WESTFIELD, NEW YORK.

## IMPROVEMENT IN SUCKER-ROD JOINTS.

Specification forming part of Letters Patent No. 127,464, dated June 4, 1872.

Specification describing a new and Improved Sucker-Rod Joint, invented by ADDISON CROSBY, of Westfield, in the county of Chautauqua and State of New York.

Figs. 1 and 2 are longitudinal sections at right angles to each other of my improved sucker-rod joint. Fig. 3 is a transverse section of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new means of fastening the ends of wooden rods in the metallic sockets that connect the same for use on pumps and other machinery; and consists principally in the employment of wedges fitted through the sockets and rods, the apertures in the sockets being larger than the wedges to permit the requisite spreading of the wood by the latter.

A A in the drawing are the ends of two wooden rods to be joined. B B are the tubular sockets that constitute the coupling for the rods, they being connected by means of a screw, *a*, or otherwise. The rods A are secured in the

sockets B by means of wedges C C, that are driven transversely through them, as shown. The slots in the metallic tubes B, for the admission of the wedges, are so much larger than the wedges, as indicated in Fig. 3, as to permit the wedges to be driven in far enough for producing the requisite enlargement of the wood in the tube. The rods are thus securely fastened, there being by preference two wedges at right angles to each other at each end of every rod.

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

The combination of the rod A, tube B, and wedge C, in such manner that the slot in the tube for the admission of the wedge is larger than the wedge, to permit the requisite spreading of the wood, as set forth.

ADDISON CROSBY.

Witnesses:

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