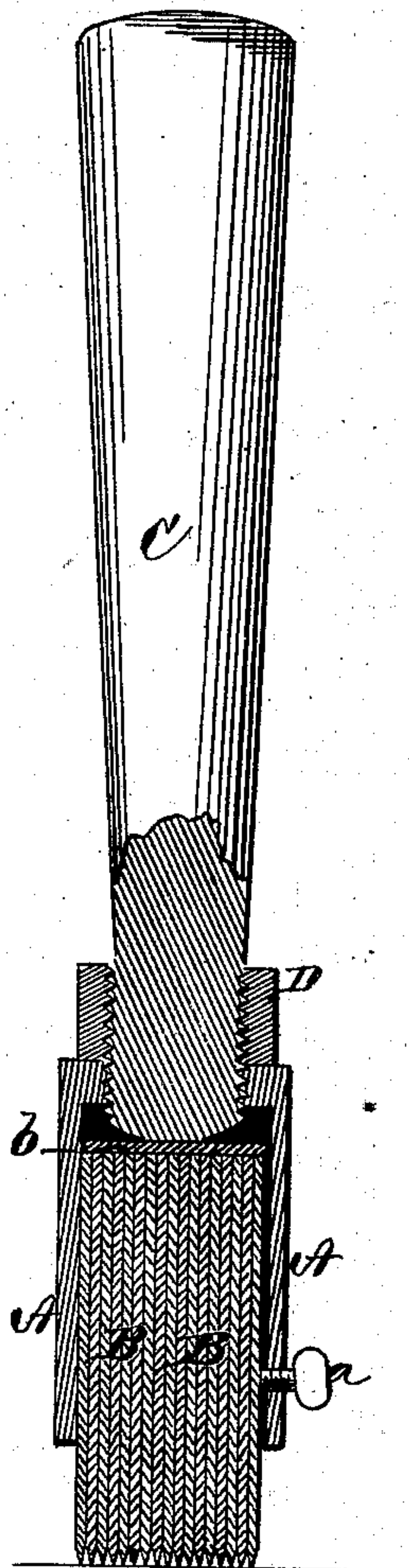


J. W. NANCE & D. LILLARD.  
Combination Mill-Picks.

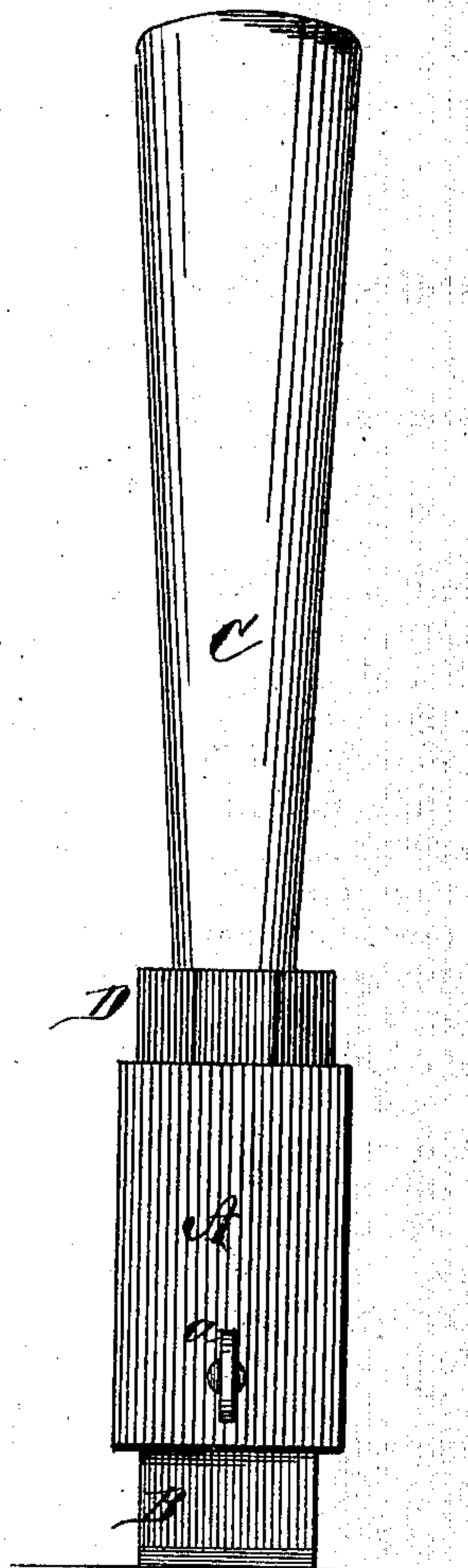
No. 139,806.

Patented June 10, 1873.

*Fig. 1.*



*Fig. 2.*



*Witnesses.*  
Jas D Cook  
J H Harris  
J F Love

*Inventors.*  
James Washington Nance  
David Lillard



# UNITED STATES PATENT OFFICE.

JAMES W. NANCE AND DAVID LILLARD, OF CORNERSVILLE, TENNESSEE.

## IMPROVEMENT IN COMBINATION MILL-PICKS.

Specification forming part of Letters Patent No. **139,806**, dated June 10, 1873; application filed May 7, 1873.

Be it known that we, JAMES W. NANCE and DAVID LILLARD, of Cornersville, in the county of Marshall and in the State of Tennessee, have invented certain new and useful Improvements in Combination Mill-Pick; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of our invention consists in the construction and arrangement of a mill-pick, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a longitudinal section of our mill-pick, and Fig. 2 is a side view of the same.

A represents a metallic socket of any suitable dimensions, in which are inserted steel bits or points B B, secured by a set-screw, *a*, or other suitable means. These steel bits or points rest upon a plate, *b*, in the bottom of

the holder, and a handle, *c*, is screwed into the holder or socket A to bear against the plate *b*, and thereby adjusting or forcing outward the bits or points. A set-nut, D, is screwed on the handle C against the end of the holder or socket, thereby holding the handle firmly in place.

With this mill-pick by one stroke of a mallet a number of impressions are made at one time.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The combination of the socket or holder A, bits or points B B, set-screw *a*, plate *b*, handle C, and set-nut D, all substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 15th day of April, 1873.

JAMES W. NANCE.  
DAVID LILLARD.

Witnesses:

R. J. KEIMBROUGH,  
T. Y. VANCELEAVE.