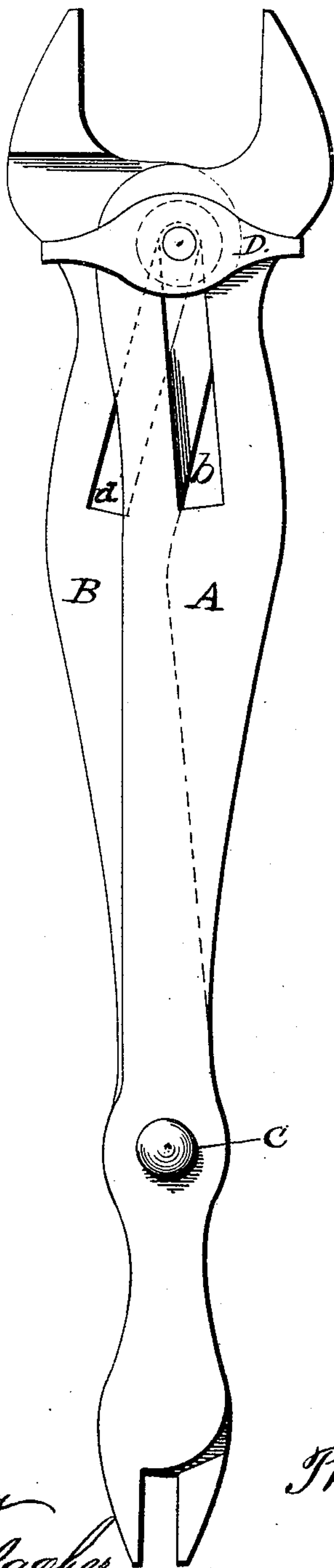


T. McDONOUGH.
WRENCH.

No. 181,699.

Patented Aug. 29, 1876.



Witnesses:

N. O. Pillsbury
Hugh Gallagher

Inventor:

Thomas M. Donough.

UNITED STATES PATENT OFFICE

THOMAS McDONOUGH, OF MONT CLAIR, NEW JERSEY.

IMPROVEMENT IN WRENCHES.

Specification forming part of Letters Patent No. **181,699**, dated August 29, 1876; application filed February 26, 1876.

To all whom it may concern:

Be it known that I, THOMAS McDONOUGH, of Mont Clair, Essex county, New Jersey, have invented Improvements in Wrenches, of which the following is a specification:

My invention consists in the construction and arrangement of the several parts composing a wrench, which I will proceed to describe.

In the accompanying drawing, A and B are the two arms, pivoted at C, which form the body of the wrench. These arms are each provided with a jaw at both ends, as shown.

a and *b* are curved slots cut through the arms, and crossing each other nearly at right angles in all positions of the arms.

D is a clamp-screw, that passes through the

slots *a b*, and secures the arms at any desired point.

This mode of adjustment forms the subject of a patent for an improvement in calipers and dividers, granted to me February 22, 1876, No. 173,802, and I do not, therefore, claim said mode of adjustment in this application; but I claim—

A wrench constructed with pivoted arms, provided with jaws at each end, simultaneously adjustable, substantially as described.

THOMAS McDONOUGH.

Witnesses:

N. O. PILLSBURY,
HUGH GALLAGHER.