

T. L. THOMAS.

STONE PICK.

No. 245,983.

Patented Aug. 23, 1881.

Fig. 1.

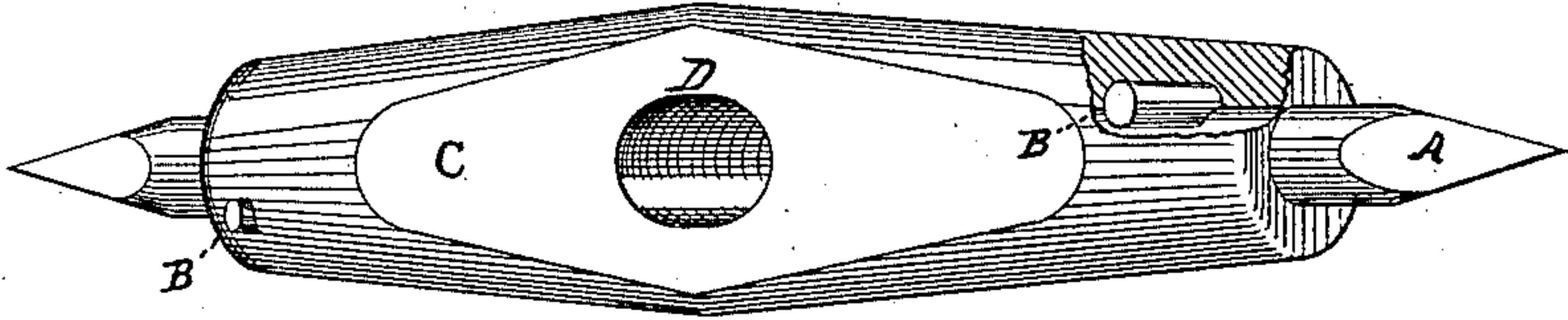


Fig. 2.

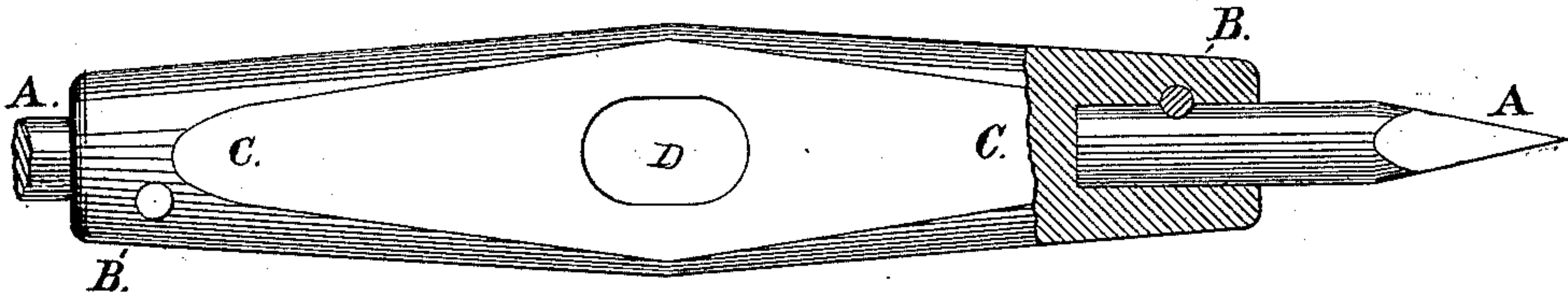
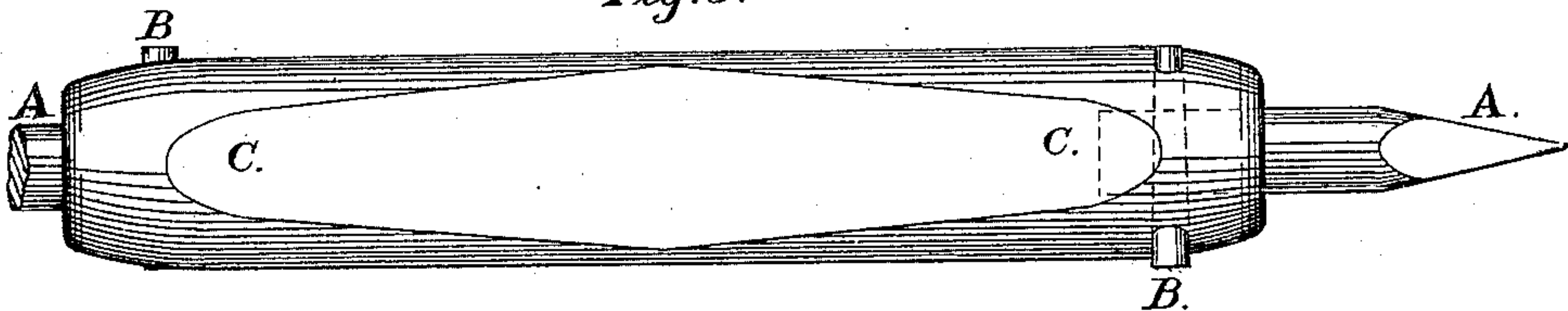


Fig. 3.



Attest:

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THOMAS L. THOMAS, OF BEAVER FALLS, PENNSYLVANIA.

STONE-PICK.

SPECIFICATION forming part of Letters Patent No. 245,983, dated August 23, 1881.

Application filed January 2, 1880.

To all whom it may concern:

Be it known that I, THOMAS L. THOMAS, of Beaver Falls, in the county of Beaver and State of Pennsylvania, have invented a new and useful Improvement in Stone-Picks; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention has for its object facility of construction and economy in the manufacture of stone-picks, and to this end I take a bar of iron of suitable diameter and cut it into proper lengths for forming the body of the pick, and then drill or punch a transverse opening in said blank for the handle, and then center said blank in a turning-lathe and turn it to the desired contour for the body of the pick, and then drill a cylindrical cavity in each end of said body for the reception of cylindrical and detachable points made from cylindrical bars of steel cut into suitable lengths, and one end of each blank pointed. The unpointed end of the blank is then placed in each cavity formed in the ends of the body of the pick, and openings for cylindrical keys formed by drilling through the body of the pick, so that a key-seat is formed on one side of the detachable points, said keys being constructed simply by cutting from cylindrical rods of iron of suitable diameter.

To enable others skilled in the art with which my invention is most nearly connected to make and use it, I will proceed to describe it by drawings which illustrate each part of said stone-pick.

Figures 1 and 2 are side elevations representing portions of the body broken away, showing the key and its relation to the body and detachable point. Fig. 3 is a side elevation representing the other side of the pick from that shown in Figs. 1 and 2.

In said drawings, A represents the detachable steel points, which are cylindrical and cut from cylindrical bars of steel.

B represents the keys for securing the steel points A in the body C, and which are cylindrical and cut from cylindrical rods of iron of suitable diameter. The body C is cut from a bar of iron of suitable diameter and square in cross-section.

D is the eye for the reception of a wooden handle.

By constructing stone-picks in the manner hereinbefore described their manufacture is reduced to simply taking bars of merchant iron and steel in their manufactured form, cutting said bars into suitable lengths, and then drilling these blanks, whereby stone-picks are made with great facility, with little labor, and that labor of a simple, easy, and cheap kind.

I am aware that it is common to construct stone-picks with detachable points, and secure said points in the body of the pick by keys; but in such stone-picks the cavities for the reception of the detachable points are quadrangular in form when viewed in cross-section, and such construction of said cavities for the detachable points to fit them require much labor and skill to make them, and are very expensive.

Having thus described my improvement, what I claim as of my invention is—

The herein-described improvement in stone-picks, consisting of detachable points A, cut from cylindrical bars of steel, keys B, cut from cylindrical iron rods, and the body C, cut from bars of merchant iron and provided with cylindrical cavities and openings for the reception of said points and keys, as specified.

THOMAS L. THOMAS.

Witnesses:

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