

(No Model.)

J. E. BAKER.

PLOW.

No. 372,103.

Patented Oct. 25, 1887.

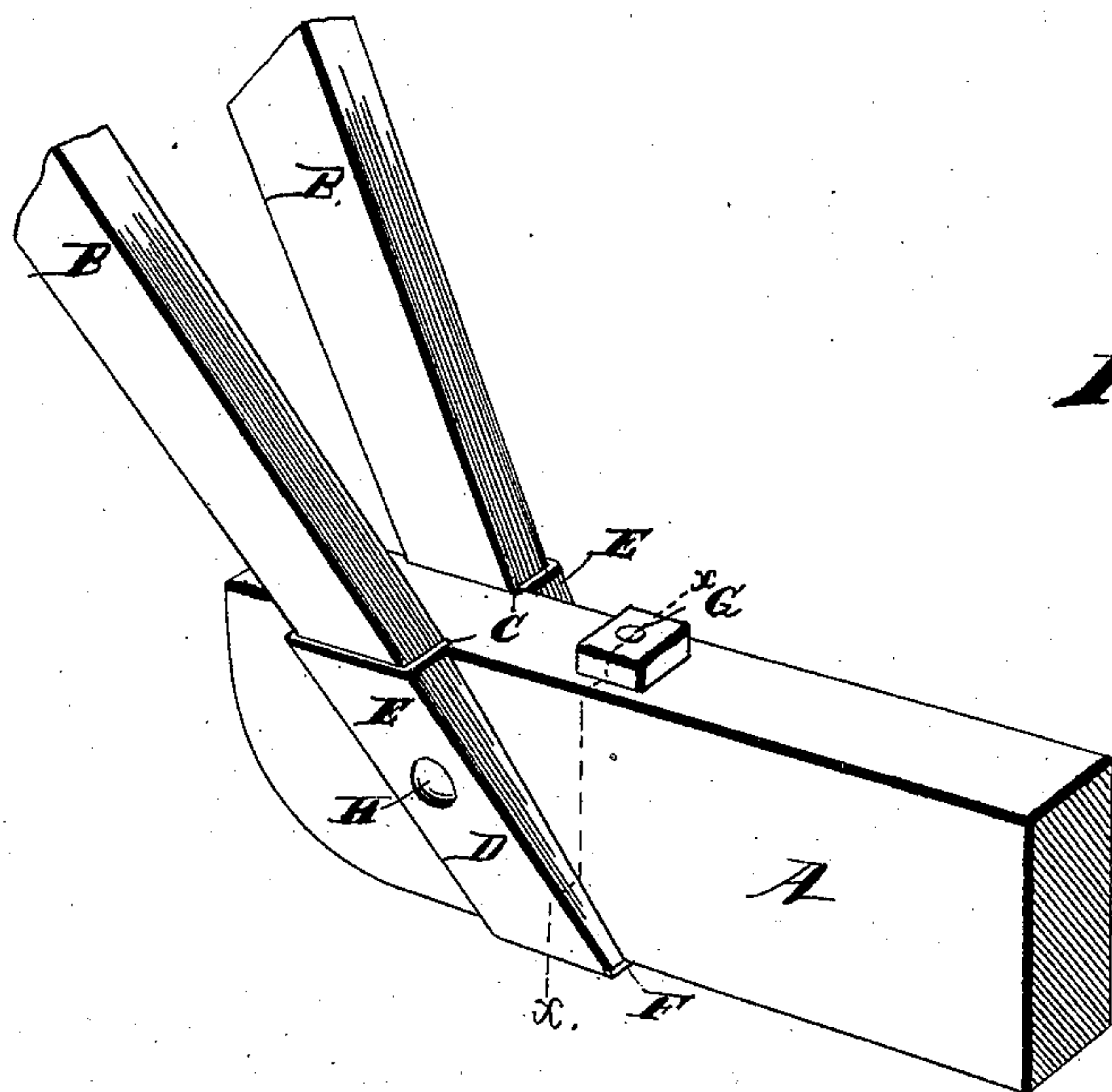


Fig. 1.

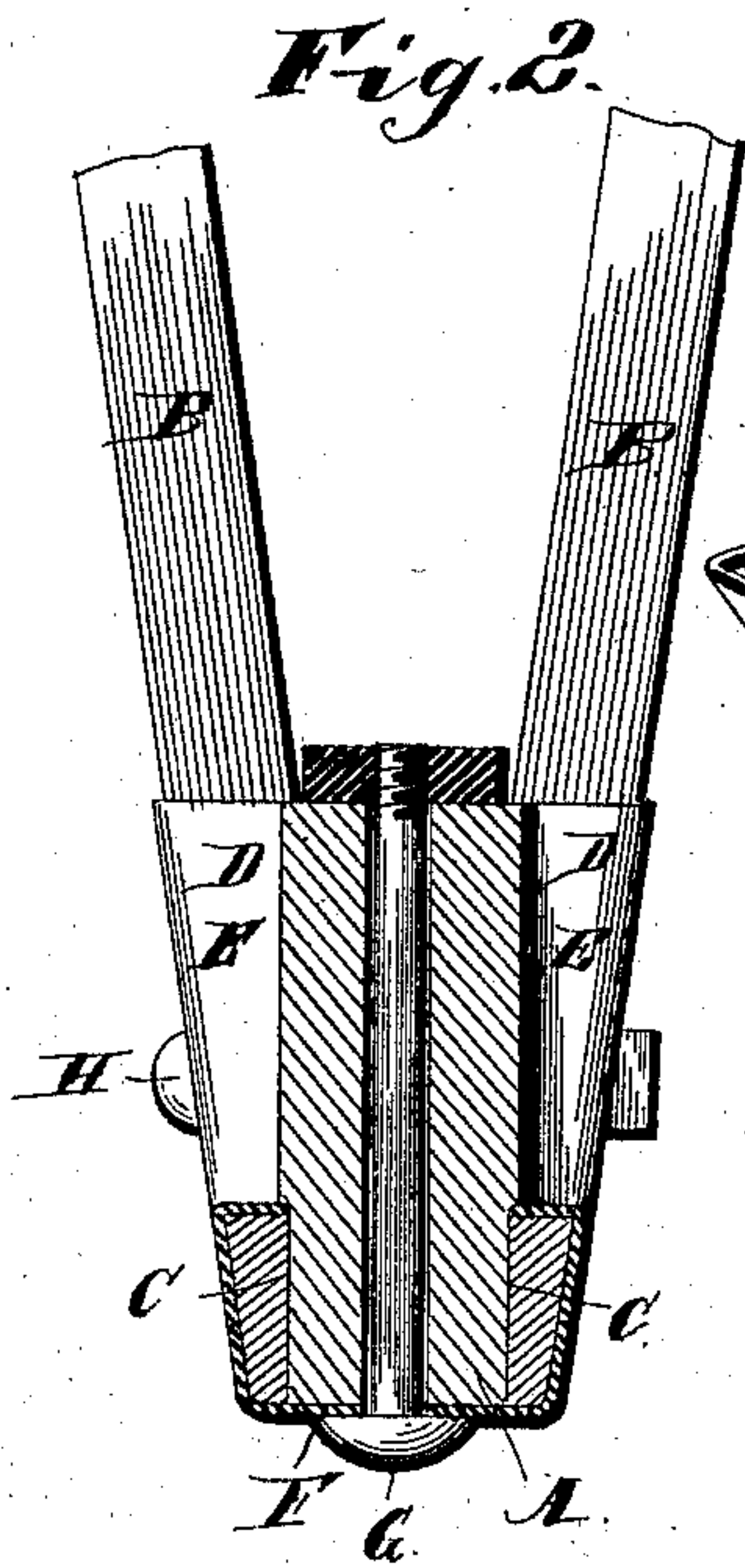


Fig. 2.

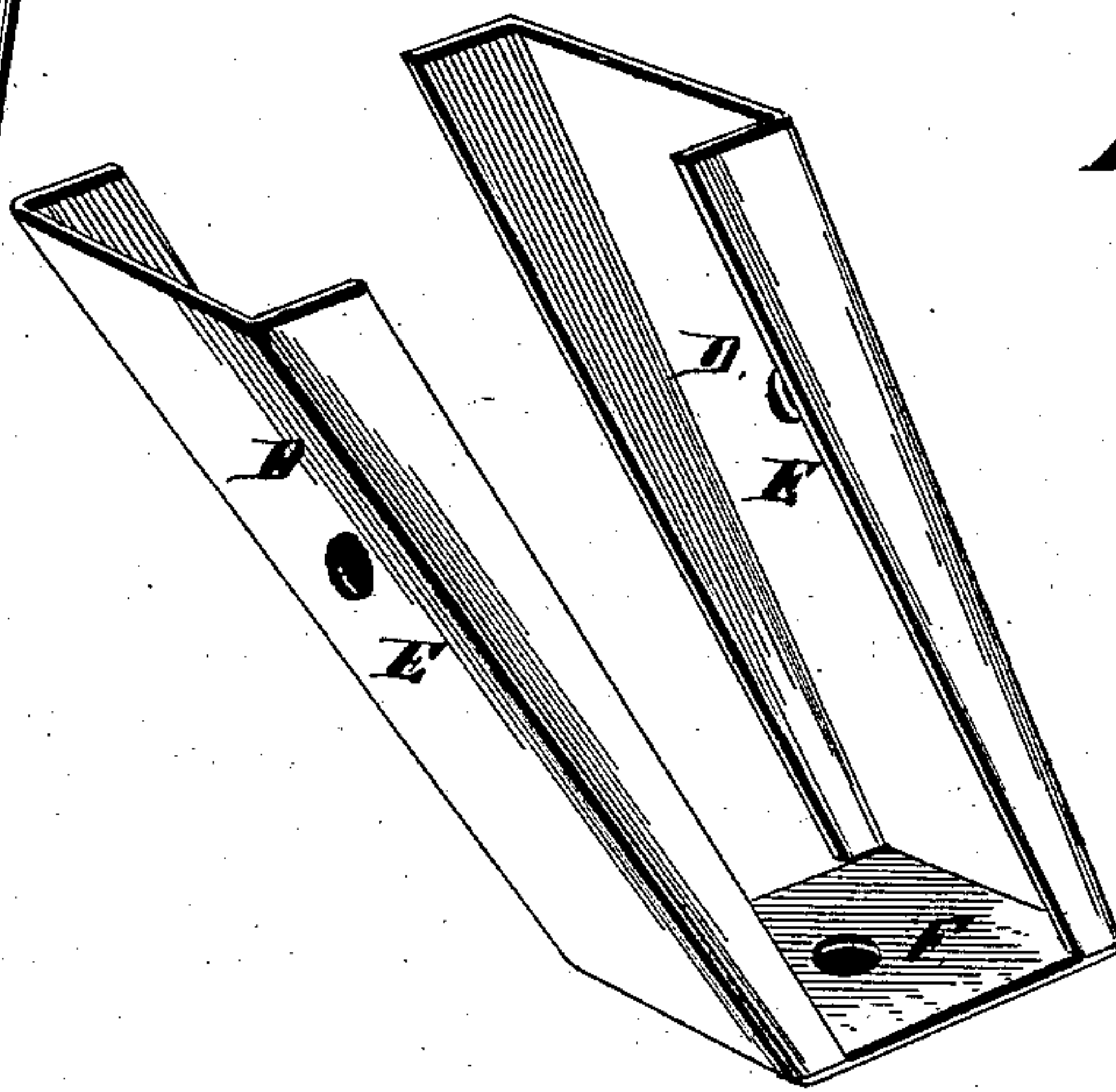


Fig. 3.

Witnesses

Geo. Phoebe
John H. Siggers

Inventor

J. E. Baker

By *his* Attorneys

C. A. Howland

UNITED STATES PATENT OFFICE.

JAMES EARLY BAKER, OF HOMER, LOUISIANA.

PLOW.

SPECIFICATION forming part of Letters Patent No. 372,103, dated October 25, 1887.

Application filed August 1, 1887. Serial No. 245,897. (No model.)

To all whom it may concern:

Be it known that I, JAMES EARLY BAKER, a citizen of the United States, residing at Homer, in the parish of Claiborne and State of Louisiana, have invented a new and useful Improvement in Plows, of which the following is a specification.

My invention relates to an improvement in plows; and it consists in the peculiar construction and combination of devices, that will be more fully set forth hereinafter, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of portions of a plow embodying my improvements. Fig. 2 is a vertical transverse sectional view taken on the line *xx* of Fig. 2. Fig. 3 is a detached perspective view of the socket or holder for connecting the handles to the plow-beam.

A represents a plow-beam of the usual construction, and B represents the handles, which have their lower ends fitted in inclined recesses C, which are made in opposite sides of the beam at the rear end thereof. Heretofore plow-handles have been commonly secured to the beam by transverse bolts, which pass through the handles and through the beam and serve to clamp the handles thereto. This mode of connecting the handles to the beam is objectionable, for the reason that, owing to the strain to which they are subjected, the handles work loose upon the bolts and the latter cut into the handles, so that after a time it is almost impossible to clamp the handles to the beam with a sufficient degree of rigidity.

The object of my invention is to provide a means for connecting the handles to the beam so securely that the handles will not work loose thereon.

D represents a holder, which is made of a single piece of metal, preferably cast, and comprises a pair of inclined longitudinally-wedge-shaped sockets or keepers, E, which have their lower ends connected by a cross-plate, F. This cross-plate fits under the plow-beam, and the edges of the keepers or sockets E enter the recesses C in the sides of the beam, the said sockets or keepers serving to envelope and shield the lower ends of the plow-handles and

to entirely conceal the same. A vertical bolt, G, passes downward through the plow-beam and through the center of the plate F, and serves to prevent the lower end of the holder from moving longitudinally on the beam, and a bolt, H, passes transversely through the keepers or sockets E through the beam at a point in rear of the opening C. This bolt H serves to effectually prevent the holder and the handles from working loose, and as the beam and the handles shrink, which they will do after a lapse of time, the nuts on the ends of the bolts may be tightened, so as to keep the holder at all times firmly clamped to the handles and to the beam.

Having thus described my invention, I claim—

1. The combination of the plow-beam having the inclined recesses C in opposite sides, with the handles having their lower ends fitted in the said recesses, and the holder having the keepers or sockets E, to receive and cover the lower ends of the handles, the inner edges of the said keepers or sockets entering the recesses C, and the bolt H, passing transversely through the keepers, the handles, and the beam, for the purpose set forth, substantially as described.

2. The combination of the plow-beam, the handles having their lower ends arranged on opposite sides of the beam, the holder having the keepers or sockets E, bearing against opposite sides of the beam and enveloping the lower ends of the handles, and the plate F, connecting the lower ends of the said sockets or keepers and bearing under the beam, the bolt H, passing transversely through keepers, through the lower ends of the handles, and through the beam, and the bolt G, extending vertically through the beam and through the center of the plate F, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JAMES EARLY BAKER.

Witnesses:

W. F. BRIDGES,

W. H. JOHNSON.