

W. J. Keeney,

Pitman Coupling.

N^o 70,225.

Patented Oct. 29, 1867.

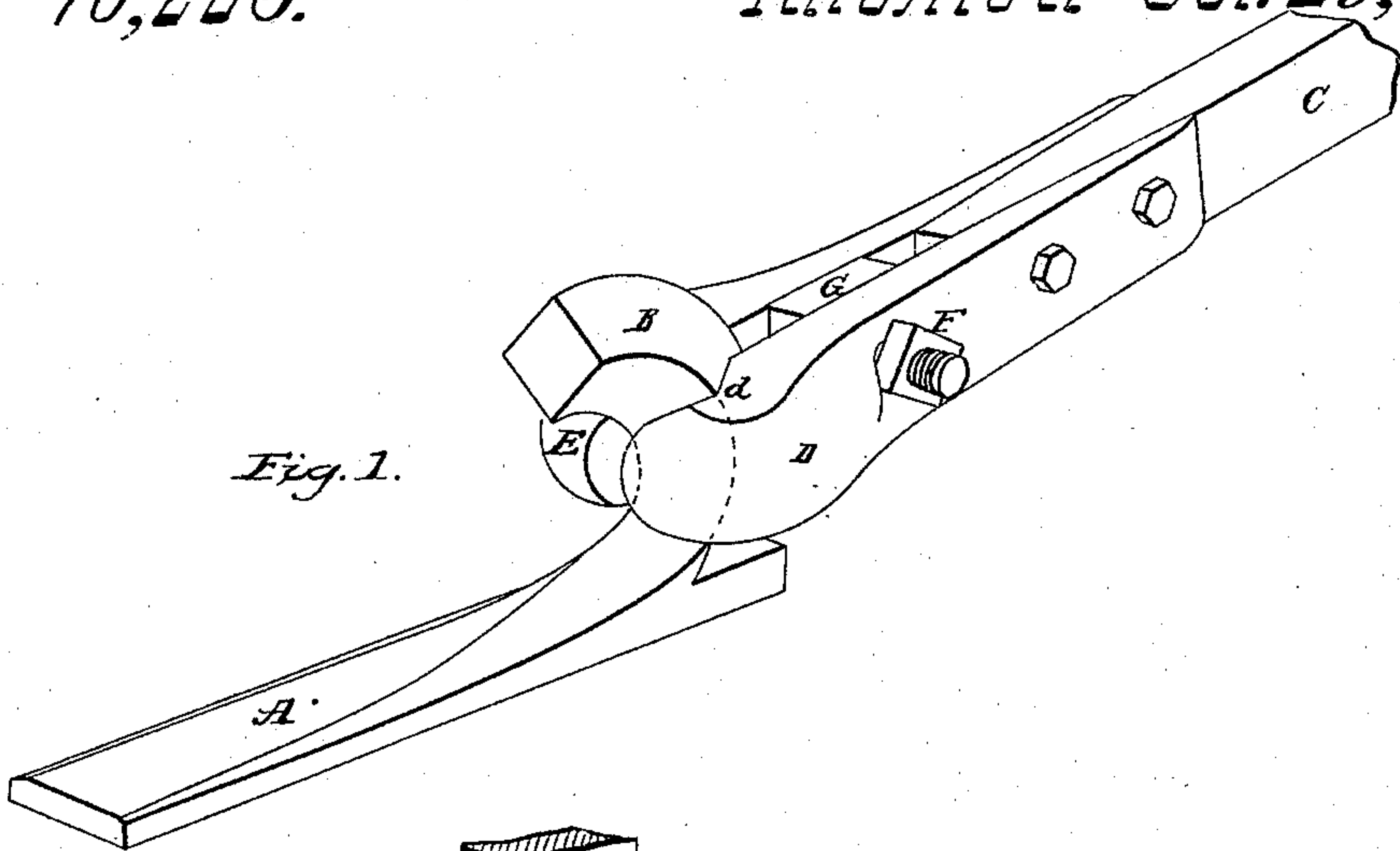


Fig. 1.

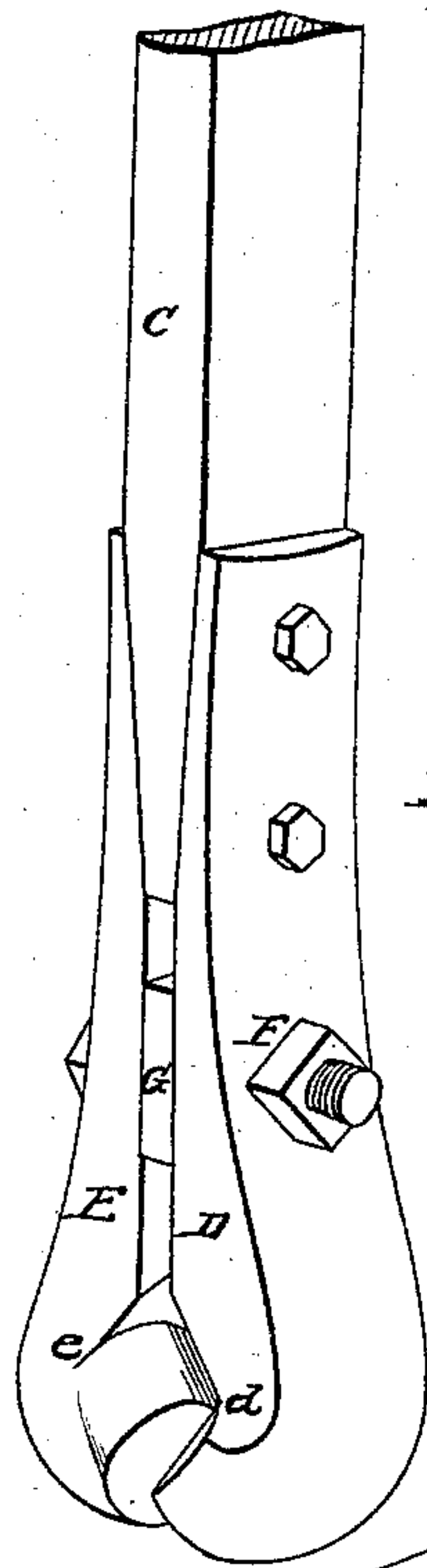
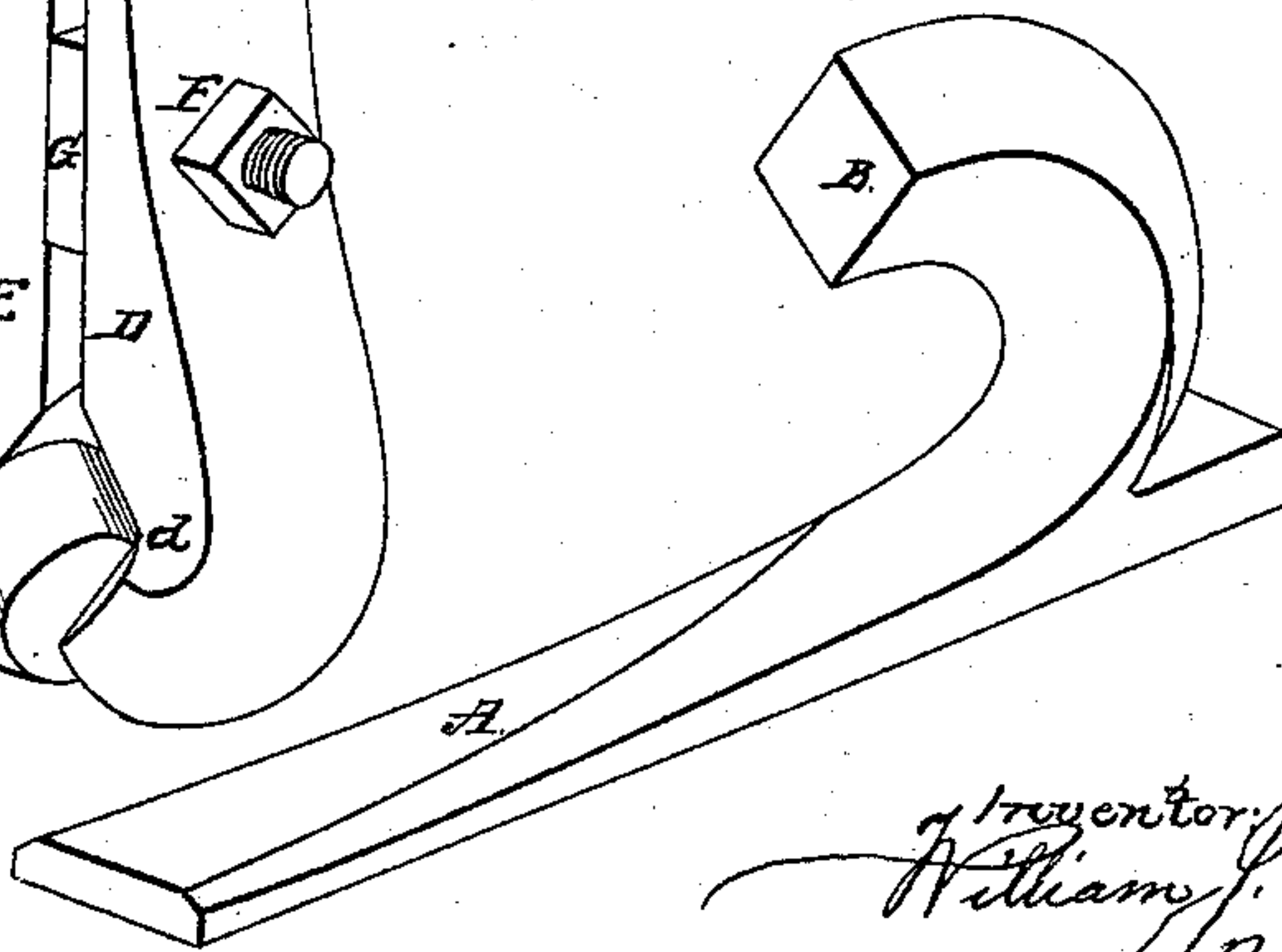


Fig. 2.



Attest:

F. Willard

Inventor
William J. Keeney
By W. J. Keeney
Atty

United States Patent Office.

WILLIAM J. KEENEY, OF FLORENCE, INDIANA.

Letters Patent No. 70,225, dated October 29, 1867.

IMPROVEMENT IN PITMAN-COUPLING.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, WILLIAM J. KEENEY, of Florence, Switzerland county, Indiana, have invented a new and useful Pitman-Coupling; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to a form of pitman-joint or coupling, which is susceptible of being set up as it wears, and which is also capable of ready shipment and unshipment.

The device, although applicable to a great variety of machines, is more especially designed and intended for the coupling of a harvester-sickle with its pitman.

Figure 1 represents my coupling shipped or connected for use.

Figure 2 represents the same in its unshipped or disconnected condition.

The shank A of my sickle-bar has a spur or heel, B, of square or rhombic form transversely; a diagonal of said square or rhomb being coincident with the plane of motion, and curved upward and backward longitudinally in a circular arc. My pitman-rod C terminates in two jaws D E, having a tightening-screw, F, and gains *d e* formed to fit and grasp the heel B. G is a block, of India rubber or soft wood, which co-acts with the nut and screw F to hold the jaws to any specific adjustment. It is apparent that however long the machine may be in use the jaws D E may be made to grasp the heel B with a uniform pressure on every side, and yet permit a free vibration in the common plane of the pitman and sickle-bar; also that the sickle may, when desired, be instantaneously unshipped from the pitman, (see fig. 2.)

While selecting for illustration the preferred form or type of my improvement, I reserve the right to vary the same; for example, the recurved heel may have an oval, circular, triangular, or other transverse section, and a wedge or key may take the place of the nut and screw F. The form, however, of the said heel, under my present improvement, must be such as to enable the two jaws to be closed snugly upon it in every direction.

I claim herein as new, and of my invention—

1. A pitman-coupling, composed of the recurved heel B and adjustable jaws D E, which can be adapted to grasp said heel with a uniform pressure on every side, with their described or equivalent accessories, substantially as set forth.

2. In the described combination, the recurved heel B, jaws D E, screw-nut F, and block or spring G, for the purpose set forth.

In testimony of which invention I hereunto set my hand.

Witnesses:

GEO. H. KNIGHT,
FRANK MILLWARD.

WM. J. KEENEY.