

(No Model.)

C. E. HEWETT.
PITMAN CONNECTION.

No. 420,791.

Patented Feb. 4, 1890.

Fig. 1.

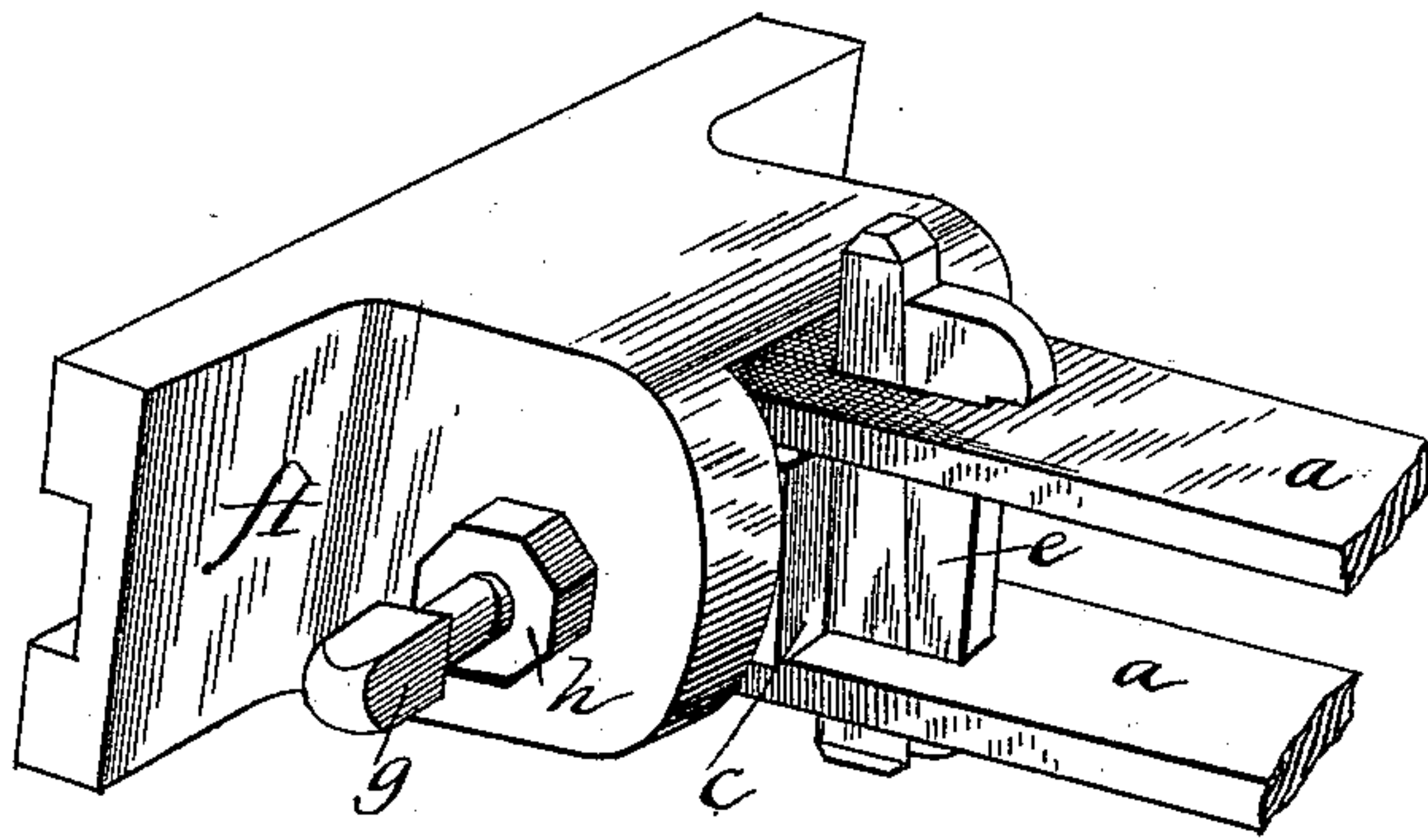


Fig. 2.

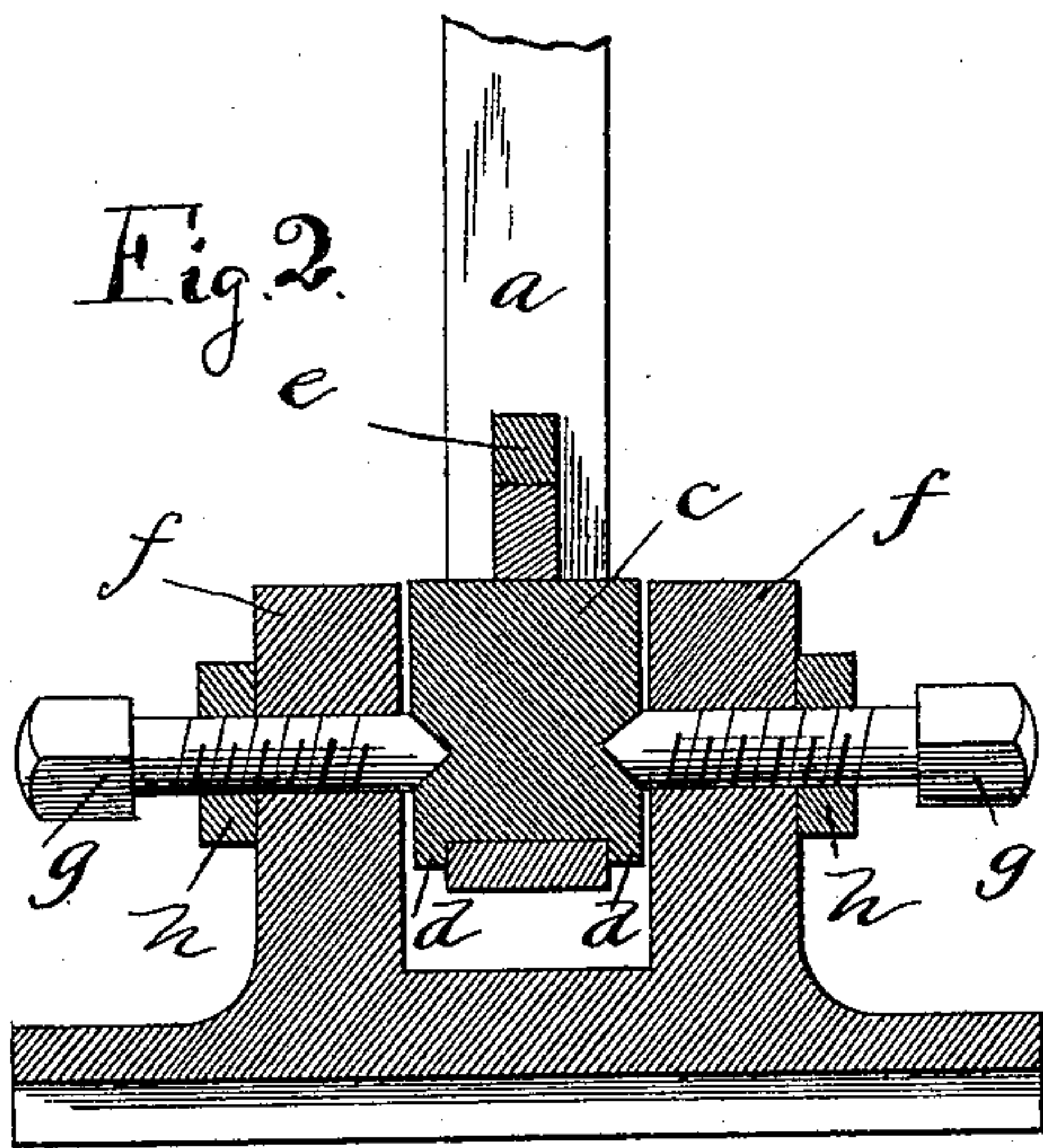
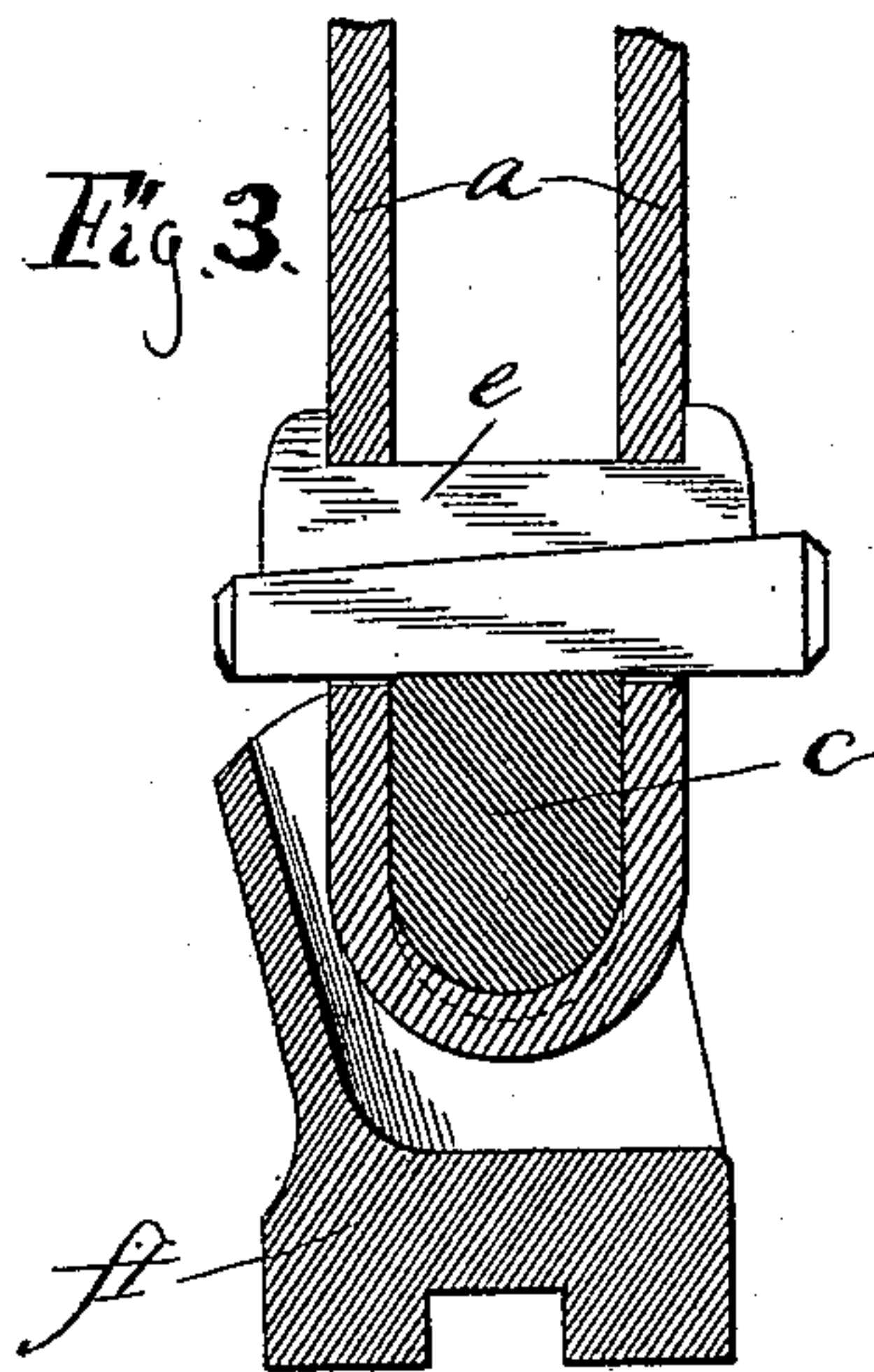


Fig. 3.



Witnesses
Walter F. Keene
F. L. Middleton

Inventor
Chas. E. Hewett,
by *Elis Spear*
Attorney.

UNITED STATES PATENT OFFICE.

CHARLES E. HEWETT, OF BRANDON, VERMONT.

PITMAN-CONNECTION.

SPECIFICATION forming part of Letters Patent No. 420,791, dated February 4, 1890.

Application filed June 22, 1889. Serial No. 315,282. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. HEWETT, of Brandon, in the county of Rutland and State of Vermont, have invented a new and
5 useful Improvement in Pitman-Connections; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention is an improved connection for the pitman used to operate a gang of saws for
10 sawing stone; and its object is to provide a simple connection, economical to make, easily applied, and which will sustain a minimum amount of wear in use.

The invention consists in the details of construction hereinafter particularly described.
15

In the drawings, Figure 1 represents a perspective view of the pitman-connection as applied to the end of a saw-gang. Fig. 2 is a section of the same, and Fig. 3 is a sectional
20 detail view of the pivoting-block and other parts.

In the drawings, A represents a bracket, which is securely fastened to the gang in any suitable manner. Its front face is recessed,
25 the recess extending through the bottom, leaving a thin shell covering the top, so as to protect the working parts from the sand or any other obstruction which would tend to interfere with the free working of the pitman-connection.
30

The pitman, which is of ordinary construction, is secured in place between the ends of a strap *a*, which is preferably made in one piece and of elongated U shape in side elevation. In the bottom of the U is fitted a
35 steel block *c*, which has projecting ears *d* extending upon each side, the block being of greater width than the strap, and these ears prevent any lateral displacement. Longitudinal displacement of the block is prevented
40 by means of a plug *e*, fitting in a slot in the

upper and lower portions of the strap and having overhanging lips to prevent displacement. Between this plug, which has a rear inclined face, and the steel block I drive in a
45 wedge, which thus holds the block securely in place. The block is made of steel, and has upon each side countersinks, which serve as bearings for the ends of screw-threaded steel pins, which pass through the side walls *f f* of
50 the bracket, and thus serve as the journals of the block. The pins are shown at *g*, and they are provided with jam-nuts *h* for holding them securely in place.

I claim as my invention—

1. A pitman-connection consisting of a strap for connection to the pitman, a steel block held between the limbs of said strap, a bracket having a recess to receive the strap and block,
60 and steel bearing-pins projecting through the side walls of the bracket, substantially as described.

2. In combination with a recessed bracket, a pitman, a U-shaped strap connected thereto, a steel block held by said strap and having
65 projecting ears to prevent lateral displacement, and steel bearing-pins for said block, substantially as described.

3. In combination with a recessed bracket, a pitman, a strap connected to said pitman,
70 having a closed end, a steel block held in said end, a plug and wedge for holding said block in place, and steel bearing-pins for said block, substantially as described.

In testimony whereof I have signed my
75 name to this specification in the presence of two subscribing witnesses.

CHARLES E. HEWETT.

Witnesses:

CHAS. H. JOYCE,
L. H. VALIQUETTE.