

J. G. PEACE.
Felly-Boring Machine.

No. 227,572.

Patented May 11, 1880.

FIG. 1.

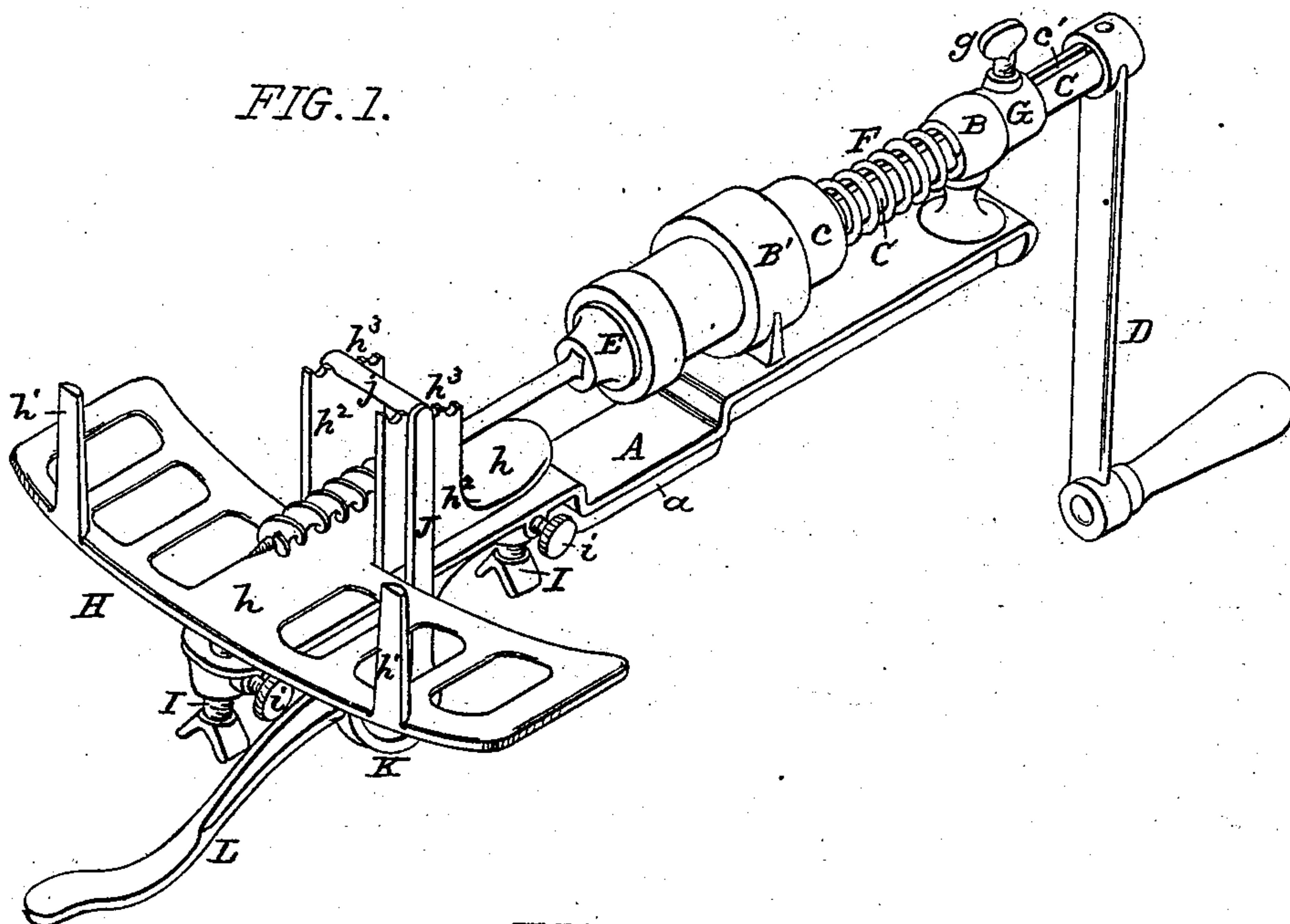
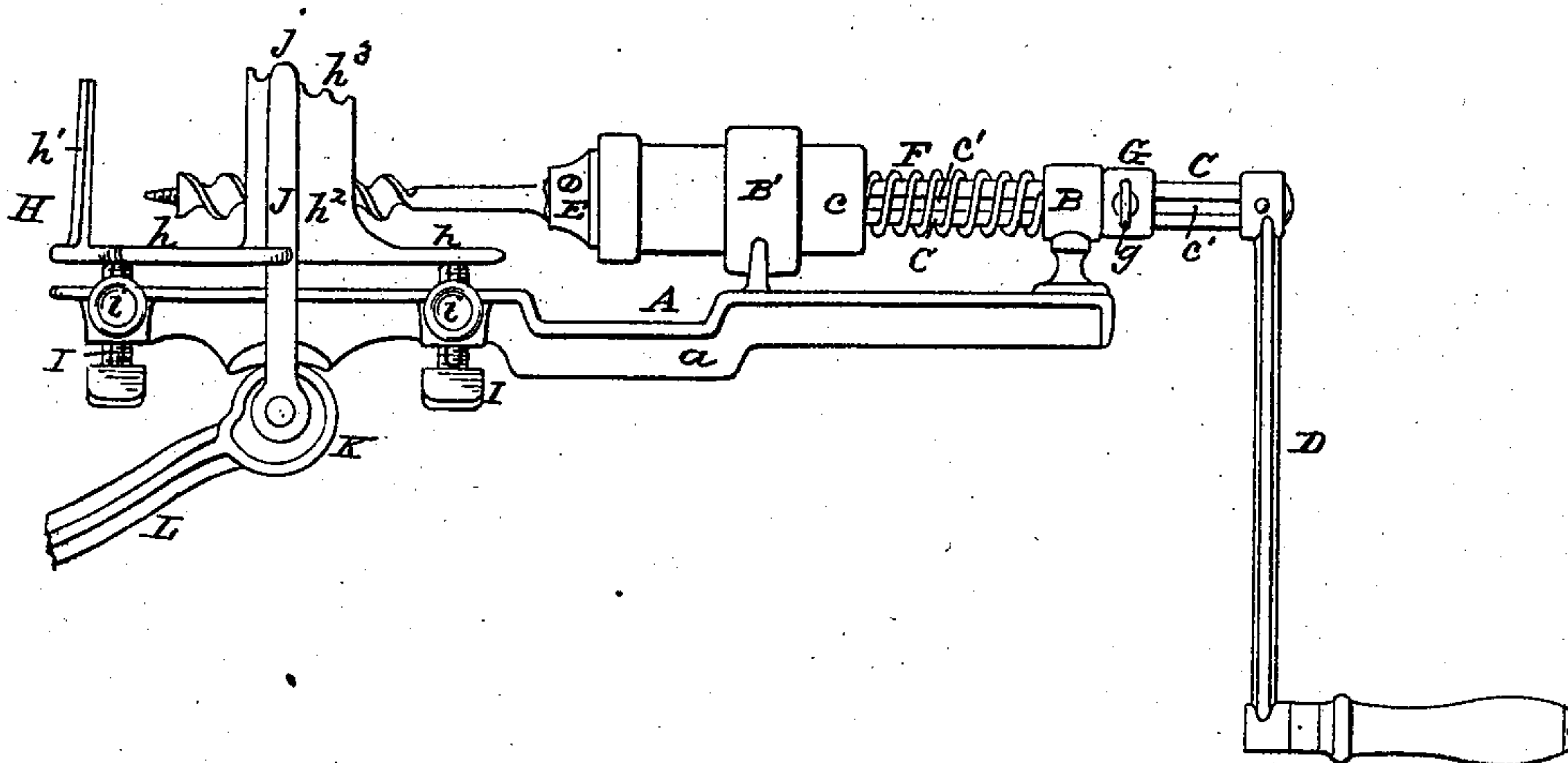


FIG. 2.



ATTEST:

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UNITED STATES PATENT OFFICE.

JOHN G. PEACE, OF SALEM, MISSOURI, ASSIGNOR TO PEACE & CLARK, OF
SAME PLACE.

FELLY-BORING MACHINE.

SPECIFICATION forming part of Letters Patent No. 227,572, dated May 11, 1880.

Application filed February 24, 1880.

To all whom it may concern:

Be it known that I, JOHN G. PEACE, of Salem, in the county of Dent and State of Missouri, have invented a certain new and useful Improvement in Machines for Boring Fel-
5 lies, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

10 My present invention is in some of its features an improvement on Patent No. 173,052, for spoke-tenoning machines, patented to me, and dated February 1, 1876.

The present improvement consists, chiefly,
15 in a felly-holder with its described adjustable connection with the supporting bar or piece.

In the drawings, Figure 1 is a perspective view of my improvement. Fig. 2 is a side view of same.

20 A is the supporting bar or piece. This has upon its under side a rib, *a*, fitted to be held in a vise, which thus gives firm support to the machine.

B B' are stationary bearings, in which the
25 spindle C has rotary and endwise motion. The spindle has at one end a hand-crank, D, and at the other an auger-socket, E, fitted to receive an auger of any desired size. The spindle has an enlargement or collar, *c*, against
30 which bears one end of a spiral spring, F, surrounding the spindle, and whose other end rests against the bearing B. This spring acts to give the auger its feed as it is turned by the hand-crank D. The forward movement
35 of the auger is limited by a collar, G, with a set-screw, *g*, bearing in a groove, *c'*, of the spindle.

The felly-holder H has a base, *h*, resting
40 upon the points of two supporting-screws, I, which may be screwed upward or downward

to adjust the height of the holder to the auger, and also to adjust the inclination of the felly-holder to the auger. The holder H has two posts, *h'* *h'*, against which the back of the felly rests, and two standards, *h*² *h*², by means of
45 which the holder is clamped to the bar A.

The clamping device is very similar to that described in the specification of my patent aforesaid. It has a bail, J, whose sides fit the
50 outer sides of the standards *h*², and a cross-bar, *j*, which rests in notches *h*³, made at the tops of the standards, the tops of the standards being preferably inclined, as shown, to accommodate the bail in the various heights
55 of the holder from the bar.

The clamp is tightened to hold the holder firmly upon the tops of screws I by an eccentric cam, K, pivoted to the ends of the bail and turned by a lever, L. The eccentric bears
60 against the under side of the bar A.

The supporting-screws I are held to their adjustment by set-screws *i*, which preferably bear against flattened places upon the sides of the screws I.

I claim as my invention—

1. The combination of auger-spindle-supporting bar A, felly-holder H, having base *h*, posts *h'* *h'*, and standards *h*² *h*², notched at *h*³, and clamping device, consisting of bail J, cam K, and lever L, substantially as and for
70 the purpose set forth.

2. The combination, with a supporting-bar, of a felly-holder, H, clamping device J K L, supporting-screws I I, and set-screws *i* *i*, as and for the purpose set forth.

JOHN G. PEACE.

Witnesses:

SAML. KNIGHT,
GEO. H. KNIGHT.