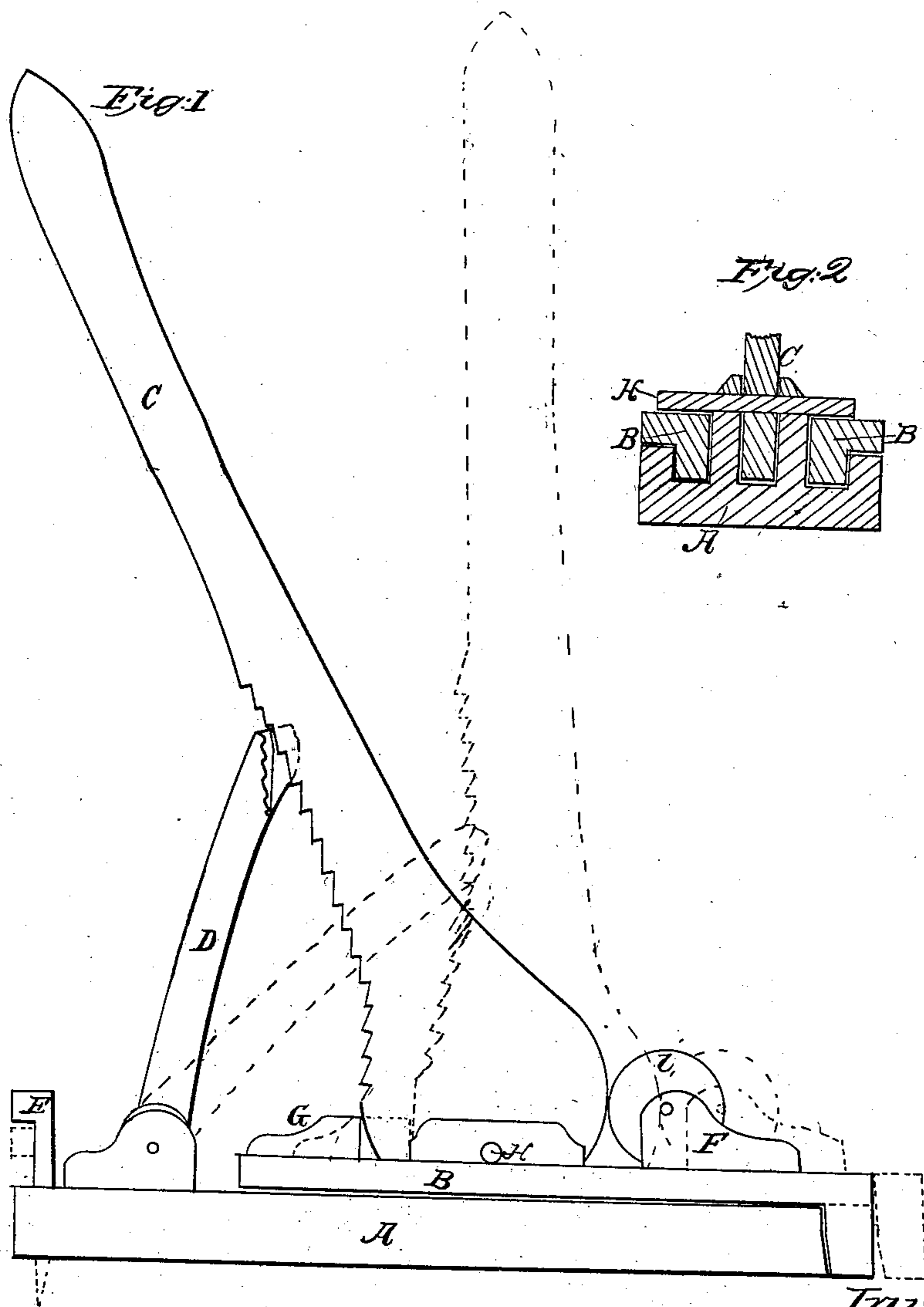


J. F. Hammond,
Floor Clamp.
N^o 67,297.
Patented July 30, 1867.



Inventor:
Joshua F. Hammond
by D. C. Colby
his Attorney

United States Patent Office

JOSHUA F. HAMMOND, OF PROVIDENCE, RHODE ISLAND.

Letters Patent No. 67,297, dated July 30. 1867.

IMPROVEMENT IN FLOOR-CLAMPS.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOSHUA F. HAMMOND, of Providence, in the State of Rhode Island, have invented certain new and useful improvements in Floor-Jacks; and I do hereby declare the following to be a full and exact description of the same, reference being had to the drawings that accompany and form a part of these specifications, in which—

Figure I is a side elevation.

Figure II sectional view cut crosswise at the fulcrum of the actuating lever C.

Letter A, bed-piece. Letter B, movable part, sliding back and forth on A. Letter C, actuating lever. Letter D, pawl, acting in conjunction with lever C. Letter E, a piece of steel, sharpened at its lower end. Letter F, block fastened on the sliding-piece B, and provided with a truck or wheel which revolves when acted on by the cam of the lever C, and makes the machine work easily. Letter G, a projection on the plate B on the opposite side of the lever C from F, and receives the pressure of the cam on the lever C to carry the plate B to the position shown in Fig. I. Letter H, fulcrum on which the lever C turns.

The object of my invention is to provide an implement desirable to the carpenter to aid him in producing close joints in floors.

I construct the machine mostly of common malleable iron. The staple E, however, should be of steel, and upon the top of the actuating lever C a wood handle may be placed.

The manner of operating my machine is as follows: Place the right-hand end at *m* against the board, have the lever as in Fig. I, strike one or two blows on the top of the steel E to set it into the timber, then carry the upper end of the lever C over to the right, and the plate B is carried forward, as shown by red dotted lines.

The projection G may or may not have a truck to lessen friction, the same as F.

What I claim as new, and desire to secure by Letters Patent, is—

I claim, in combination with the bed-piece A, the lever C, the pawl D, the steel E, and sliding-piece B, provided with the blocks F and G, either with or without the truck *i*, substantially as described and for the purposes set forth.

JOSHUA F. HAMMOND.

Witnesses:

ISAAC PITMAN,
LIVINGSTON SCOTT.