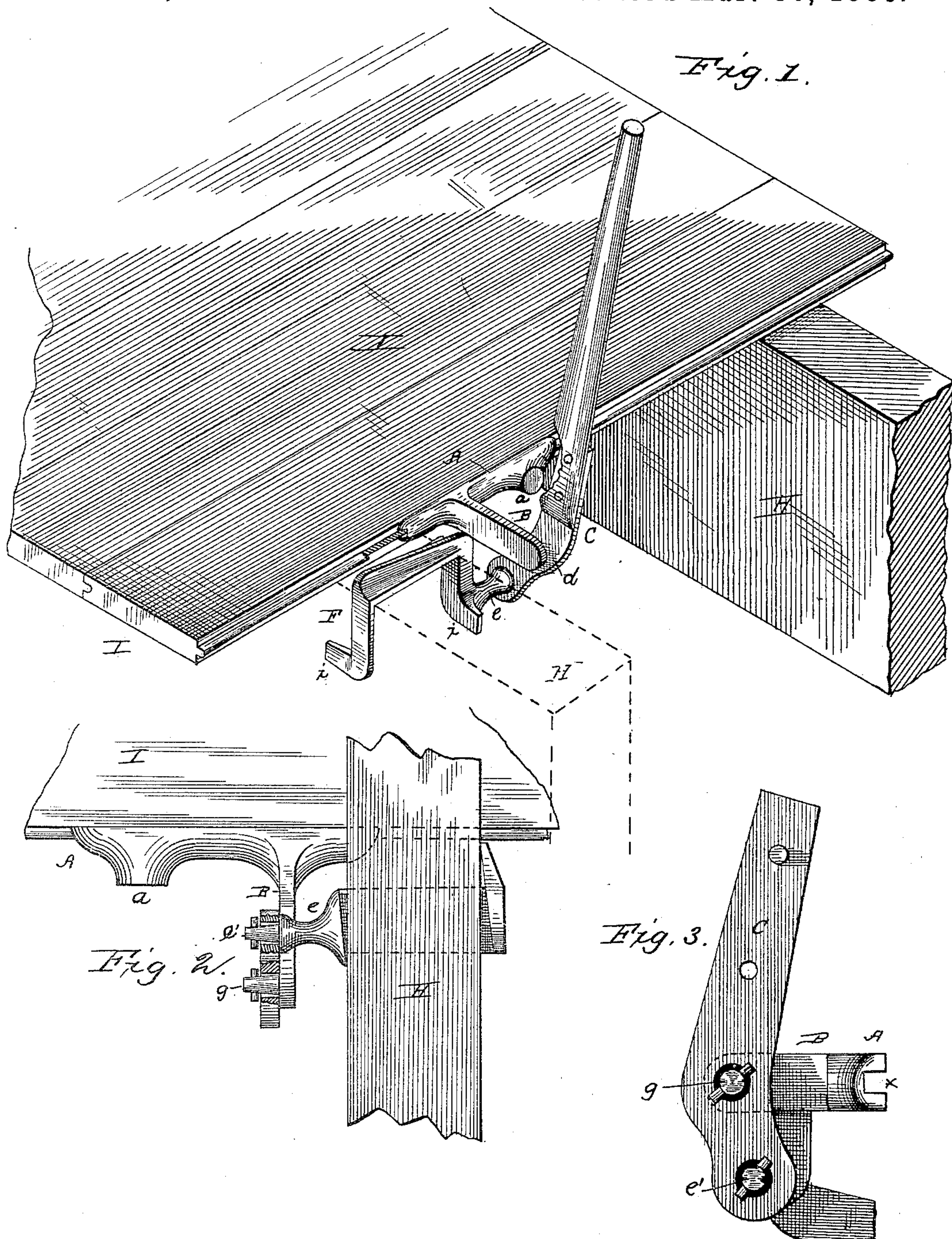


(No Model.)

H. C. CLOYD.
FLOORING JACK.

No. 338,933.

Patented Mar. 30, 1886.



WITNESSES

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UNITED STATES PATENT OFFICE.

HENRY C. CLOYD, OF UNION CITY, INDIANA.

FLOORING-JACK.

SPECIFICATION forming part of Letters Patent No. 338,933, dated March 30, 1886.

Application filed August 31, 1885. Serial No. 175,750. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. CLOYD, a citizen of the United States, residing at Union City, in the county of Randolph and State of Indiana, have invented certain new and useful Improvements in Flooring - Jacks, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to flooring-jacks; and its object is to force together tongued and grooved boards, whether for flooring or siding or other structure where such boards are used. The usual mode of forcing such boards together to make a close joint is by hammering. This instrument is designed, as near as possible, to dispense with the old method and to bring the parts together by pressure.

In the accompanying drawings, making part of this specification, Figure 1 represents a perspective view showing the instrument and a portion of joist and flooring. Fig. 2 represents a bottom view, partly in section. Fig. 3 represents a side view of several of the parts in section.

In the figures, A represents a templet or bar, which is grooved upon one side to embrace the tongue of the board to be secured in place. Upon the opposite side of this bar from the groove is an enlargement, *a*, and an arm, B.

F represents a clamp with two depending arms sufficiently wide apart to embrace an ordinary building joist. The arms, as well as the feet *i i* on their ends, are set at an angle to each other, so that when the clamp is caused to straddle a joist a pressure upon one side of it will cause it to bind or bite upon said joist, for the purpose of holding it rigidly in one place during the operation of the instrument.

Formed upon one arm of the clamp is an arm, *e*, which has on its outer end a tapering

axle, *e'*. The arm B has formed upon it near its outer end an axle or journal, *g*. C represents a lever through which the journals or axles *e'* and *g* pass. The bearings are made larger than the journals, so that when said journals are keyed therein they will have ample play.

In using this instrument the clamp F is placed upon one of the joists after the first board has been secured in position, so that the groove *x* of the templet will fit over the tongue of the board to be placed next. By the use of the lever C the board is then pressed into position, if possible, at the first movement. If not pressed up to place, it is tapped up by striking upon the enlargement *a*. This is rarely necessary, as the bite of the clamp upon the joist will give the lever a firm bearing for its work.

The clamp can be readily shifted from one joist to another, as the nature of the case may demand.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A flooring-clamp consisting of a clamping-frame with downwardly-projecting arms provided with biting-feet, and having on one of the said arms an arm with a tapering axle thereon, a grooved bar or templet having an arm with a tapering axle thereon, and a lever fulcrumed on the axle on the frame and pivotally connected to the templet by means of the axle on the arm thereof, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY C. CLOYD.

Witnesses:

ELI ROE,
L. D. LAMBERT.