

(No Model.)

J. ROBERTS.

CHISEL.

No. 346,948.

Patented Aug. 10, 1886.

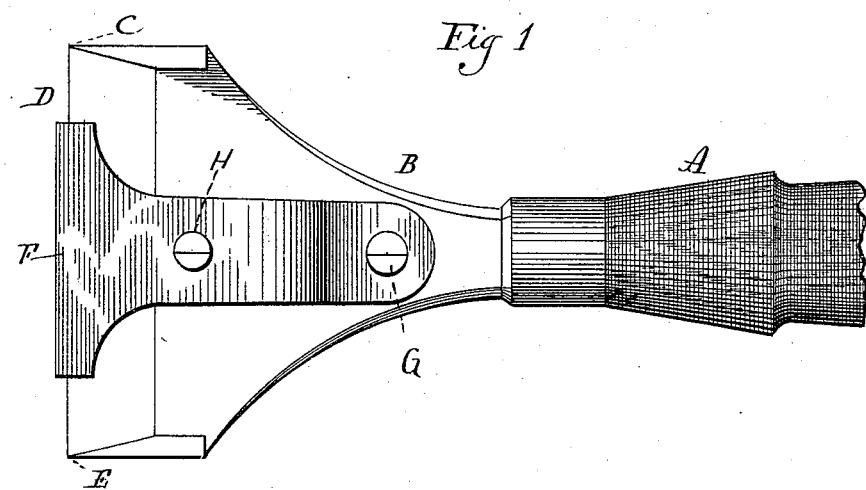


Fig. 2

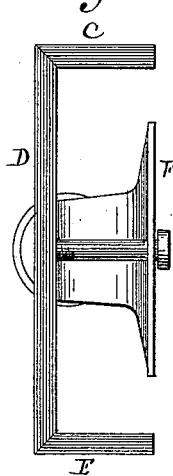


Fig. 3

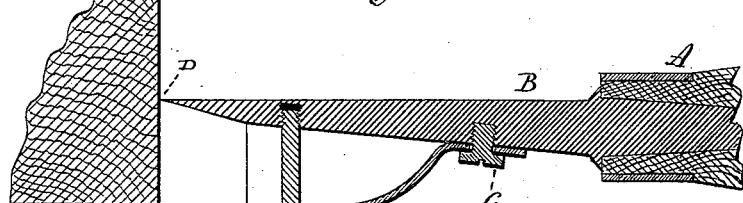
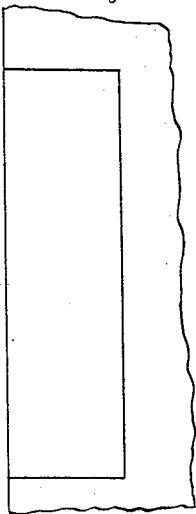


Fig. 4



WITNESSES:

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CHISEL.

SPECIFICATION forming part of Letters Patent No. 346,948, dated August 10, 1886.

Application filed March 25, 1886. Serial No. 196,524. (No model.)

To all whom it may concern:

Be it known that I, JAMES ROBERTS, a citizen of the United States, residing at New Haven, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Chisels, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 is a front view of the chisel; Fig. 2, an end view; Fig. 3, a longitudinal section showing the chisel in position for operation on the casing; and Fig. 4, a face view of a portion of the casing, showing the cut.

This invention relates to a chisel for cutting recesses for butts in casings for doors, the object being the construction of a chisel which will greatly facilitate the correct cutting of a recess or mortise in door-casings and like places where it is designed to apply butt-hinges; and the invention consists in the construction as hereinafter described, and fully recited in the claim.

A represents the handle of the chisel, B the shank, and C D E three cutting-edges, the two cutting edges C E being at right angles to the cutting-edge D, and shorter in length, said cutting edges being constructed to conform to the outline of one leaf of the butt. Different-sized cutting-edges are constructed for different-sized butts.

To the shank B of the chisel, and parallel with the blade thereof, is secured by means of a screw, G, an adjustable gage-plate, F. This gage-plate is of less width than the distance between the side cutting-edges, C and E, and

is made adjustable in the space between said edges by means of the screw H. The end of this gage-plate also projects beyond the plane of the cutting-edges of the chisel.

The chisel is used in the following manner: 40 The workman places the chisel with the gage F bearing against the casing, said gage regulating the width of the recess to be cut and holding the cutting-edges parallel with the casing. A blow from a hammer or mallet 45 causes the cutting edges to cut into the casing to such a depth as is necessary to conform to the thickness of the butt to be applied. The cut as made by this operation is shown in Fig. 4. The cutting away of the wood to complete 50 the recess is done with an ordinary chisel in the usual manner.

Having fully described my invention, what I claim is—

The herein-described chisel, consisting of the 55 blade having the cutting-edge D and the two side cutting-edges C and E, combined with the gage-plate F, of less width than the distance between the side cutting-edges, secured to the chisel to lie between said side cutting-edges, 60 and means for adjusting said gage-plate to lie in different planes substantially parallel with relation to the blade having cutting-edge D, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in 65 presence of two witnesses.

JAMES ROBERTS.

Witnesses:

LUKE WHEELOCK,
GEORGE TERRY.