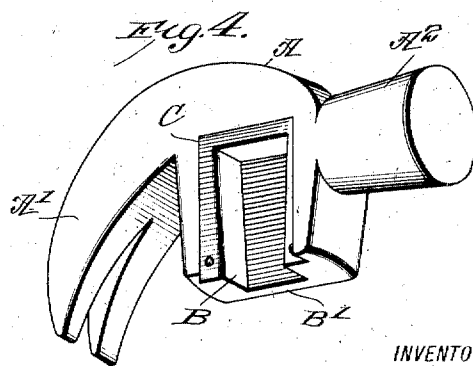
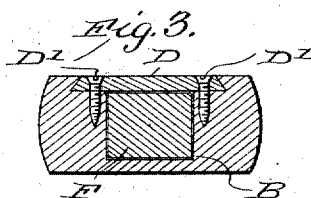
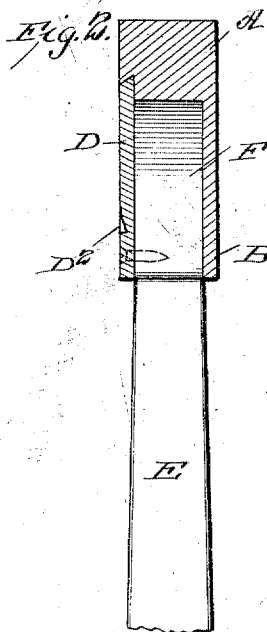
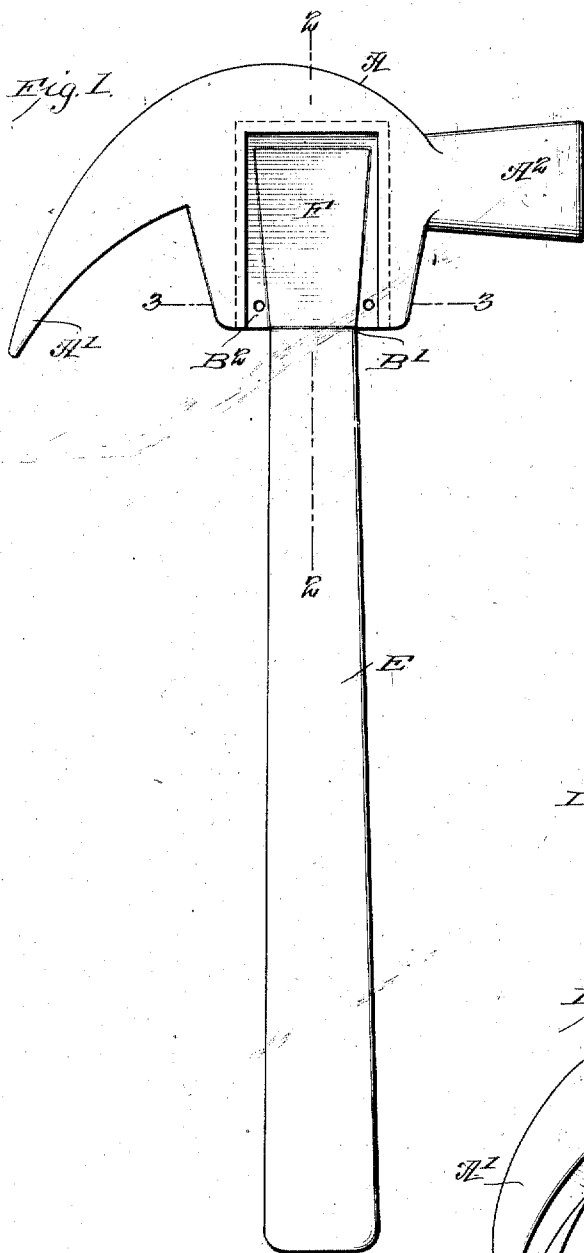


A. GRANT.
HAMMER.

APPLICATION FILED SEPT. 13, 1910.

985,027.

Patented Feb. 21, 1911.



WITNESSES:
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UNITED STATES PATENT OFFICE.

ALEXANDER GRANT, OF BEEVILLE, TEXAS.

HAMMER.

985,027.

Specification of Letters Patent.

Patented Feb. 21, 1911.

Application filed September 13, 1910. Serial No. 581,863.

To all whom it may concern:

Be it known that J. ALEXANDER GRANT, a citizen of the United States, and a resident of Beeville, in the county of Bee and State of Texas, have invented certain new and useful Improvements in Hammers, of which the following is a specification.

This invention is an improvement in hammers and has for an object to provide a simple, novel construction whereby the hammer head may be secured to the handle in such manner that the head cannot fly off the handle and this is effected by constructing the hammer head with a laterally opening dove-tail or under-cut recess with its smaller end open and leading from the lower side of the head, and forming the handle with a head fitting said recess and secured therein as will be more fully described; and the invention consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a side view of a hammer embodying my invention, the handle being in place and the cover plate being removed. Fig. 2 is a longitudinal section on about line 2—2 of Fig. 1, the cover plate being in place. Fig. 3 is a cross section on about line 3—3 of Fig. 1, the cover plate being in place. Fig. 4 is a detail perspective view of the hammer head, the cover plate and handle being omitted.

The hammer head A which may be of any desired form or design, is shown as provided with a claw A¹ and a head A².

In one side of the head is formed the under-cut recess B in dove-tail shape with its lower smaller end B¹ opening at the lower side of the head, and, surrounding the outer face of the dove-tail recess, I form a rabbet C with under-cut edges to receive the cover plate D when the latter is slid to position as shown in Figs. 2 and 3 of the drawing.

The handle E has a dove-tail head F conformed to and adapted to be inserted laterally in the under-cut recess B of the hammer

head when the parts are applied for use as shown in Figs. 1, 2 and 3. When the handle is so placed in the head, the cover plate D is slid into the rabbet B² and secured by screws D¹ or in other suitable manner.

For convenience the thumb nick D² may be formed in the cover plate D to facilitate its removal for replacing the handle or for other purposes as may be desired.

When the handle is applied as shown in Figs. 1 and 2, the head cannot come off until the cover plate is removed to permit the handle to be slipped laterally out of its recess.

The construction is simple, can be produced at a low initial cost and will efficiently serve the purpose for which it is designed.

I claim:—

1. A hammer head having a laterally opening dove-tail recess with its smaller end open and leading from the lower side of the head and having an under-cut rabbet surrounding the side opening of said recess, a handle having a dove-tail head fitting the laterally opening recess of the hammer head, a cover plate slid into the under-cut rabbet of the hammer head and over the dove-tail head of the handle and means for securing the cover plate in position, substantially as set forth.

2. A hammer head having in one side a dove-tail recess opening laterally and at the inner side of the hammer head and closed at the outer side of the hammer head and having along its opposite side walls and its inner wall an under-cut rabbet, a handle having a dove-tail head fitting the laterally opening recess in the hammer head, a cover plate slid into the under-cut rabbet of the hammer head and over the dove-tail head of the handle and means for securing the cover plate in position.

ALEXANDER GRANT.

Witnesses:

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J. H. CAPEN.