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C. D. CAMPBELL.

CARPENTER'S IMPLEMENT OR TOOL.

APPLICATION FILED OCT. 14, 1905.

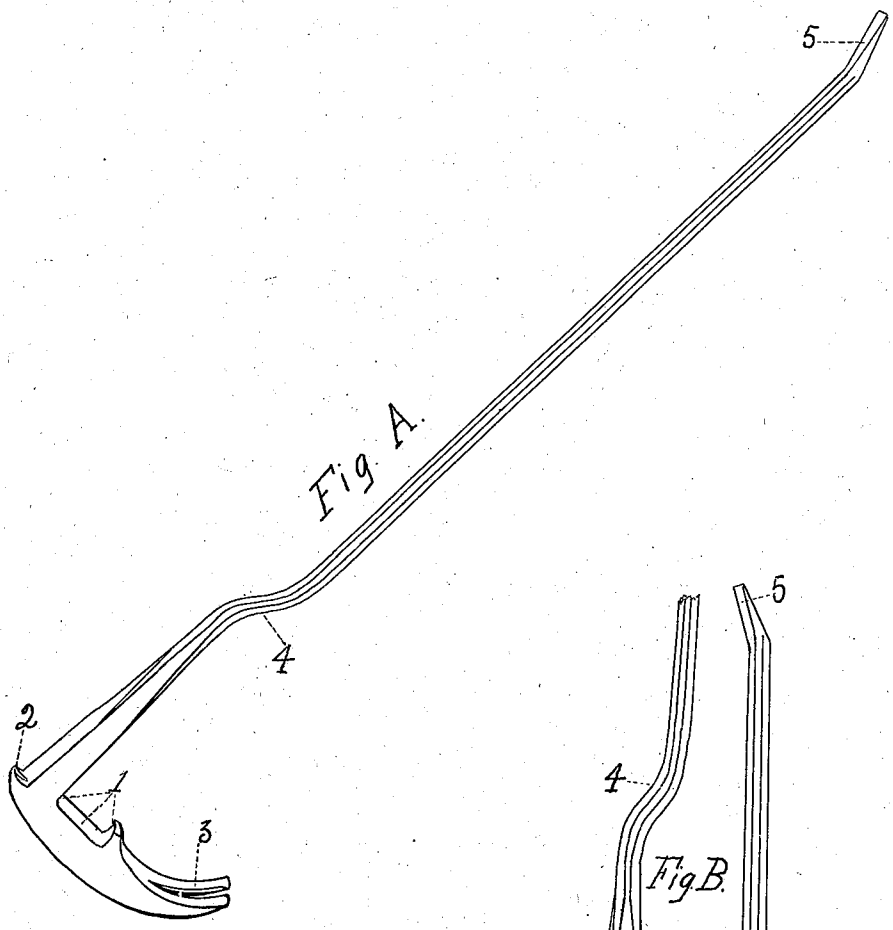


Fig A.

Fig B.

Witnesses.
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UNITED STATES PATENT OFFICE.

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CARPENTER'S IMPLEMENT OR TOOL.

No. 815,064. Specification of Letters Patent. Patented March 13, 1906.

Application filed October 14, 1905. Serial No. 282,738.

To all whom it may concern:

Be it known that I, CLELL D. CAMPBELL, a citizen of the United States, residing at Lincoln, in the county of Lancaster and State of Nebraska, have invented a certain new and useful Carpenter's Implement or Tool, of which the following is a specification sufficiently clear to enable those skilled in the art to which it appertains to make and use the same.

My invention relates to a carpenter's implement or combined tool; and its object is, first, the production of a convenient and practical carpenter's and builder's tool for straightening or twisting joist, studding, or other materials; second, the production of a convenient and practical carpenter's and builder's tool for drawing nails, including those toe-nailed in studding and also including all sizes of nails and spikes, with ease of operation and a minimum of damage to the lumber and also with comparatively no damage to the nail or spike drawn; third, the production of a carpenter's tool one end of which may be used as an ordinary pinch-bar for starting or loosening window and door casings, studding, joist, and flooring, &c., the other end of such construction as to tear the loosened lumber from its fastenings with great economy of time, labor, and materials. These purposes are attained in my invention by certain novel construction and combination of parts, which will be hereinafter described and claimed.

The invention is illustrated in the accompanying drawings.

Figure A is a perspective view of the implement. Fig. B is a similar view showing my implement in two parts, shortening the length of the drawing about one-half for convenience in showing same in the *Official Gazette*.

Similar numerals of reference indicate corresponding parts

My device comprises a handle-bar formed with a bend or curve, as shown at 4, and having a transverse integral head terminating at one side of the handle-bar in a pair of small claws 2, having a curved outer fulcrum-surface terminating at the other end in a pair of large claws 3 on the opposite side of the handle-bar and having in its inner surface and between the claws 3 and the handle-bar a substantially rectangular recess 1, adapted to engage the corners of a stud, joist, or other beam. Said handle-bar terminates at its other end in an ordinary pinch-bar 5.

With my invention a piece of studding that is twisted may be nailed securely in its proper place at one end, this implement hooked onto the other end twisting the studding until straight and holding same until securely nailed in its proper position. Where a studding has been nailed out of line, with this tool a portion or all the nails may be drawn and with the hook or grip the studding twisted straight with the greatest of ease. As wrecking-tool two of these implements may be used with great advantage for twisting studding loose with great speed and small damage to the lumber. In drawing toe-nails from studding and like work the short claw is pressed or driven under the nail-head, so that a power applied to the handle will start the nail sufficiently to permit it being seized and pulled completely out with the large claw, the construction of the large claw being such that the fulcrum changes, moving farther from the nail as it is being drawn, thus preventing largely the bending or breaking of the nail or excessive marring of the wood. The end of the handle is fashioned into the shape of an ordinary pinch-bar for starting and loosening door and window sills and casings, flooring, &c., so as to permit the big claw to be inserted under and tear them from their fastenings completely with economy of time, materials, and labor.

I make this implement of tool-steel preferably, though any suitable material or combinations of materials may be used.

I claim—

1. A combined nail-extractor and beam-adjusting tool comprising a handle-bar having an integral transverse head having an outer face curved to provide a rocking fulcrum and having at one end claws projecting from one side of said handle-bar and having on its inner face at the other side of said handle-bar a substantially rectangular recess adapted to engage around the corners of a beam.

2. A combined nail-extractor and beam-adjusting tool comprising a handle-bar having an integral transverse head having an outer face curved to provide a rocking ful-

crum and having at one end claws projecting from one side of said handle-bar and having on its inner face at the other side of the handle-bar a substantially rectangular recess adapted to engage around the corners of a beam and said head having a pair of claws at the other end.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CLELL D. CAMPBELL.

Witnesses:

CHARLES L. BOGGS,

WALTER L. ANDERSON.