

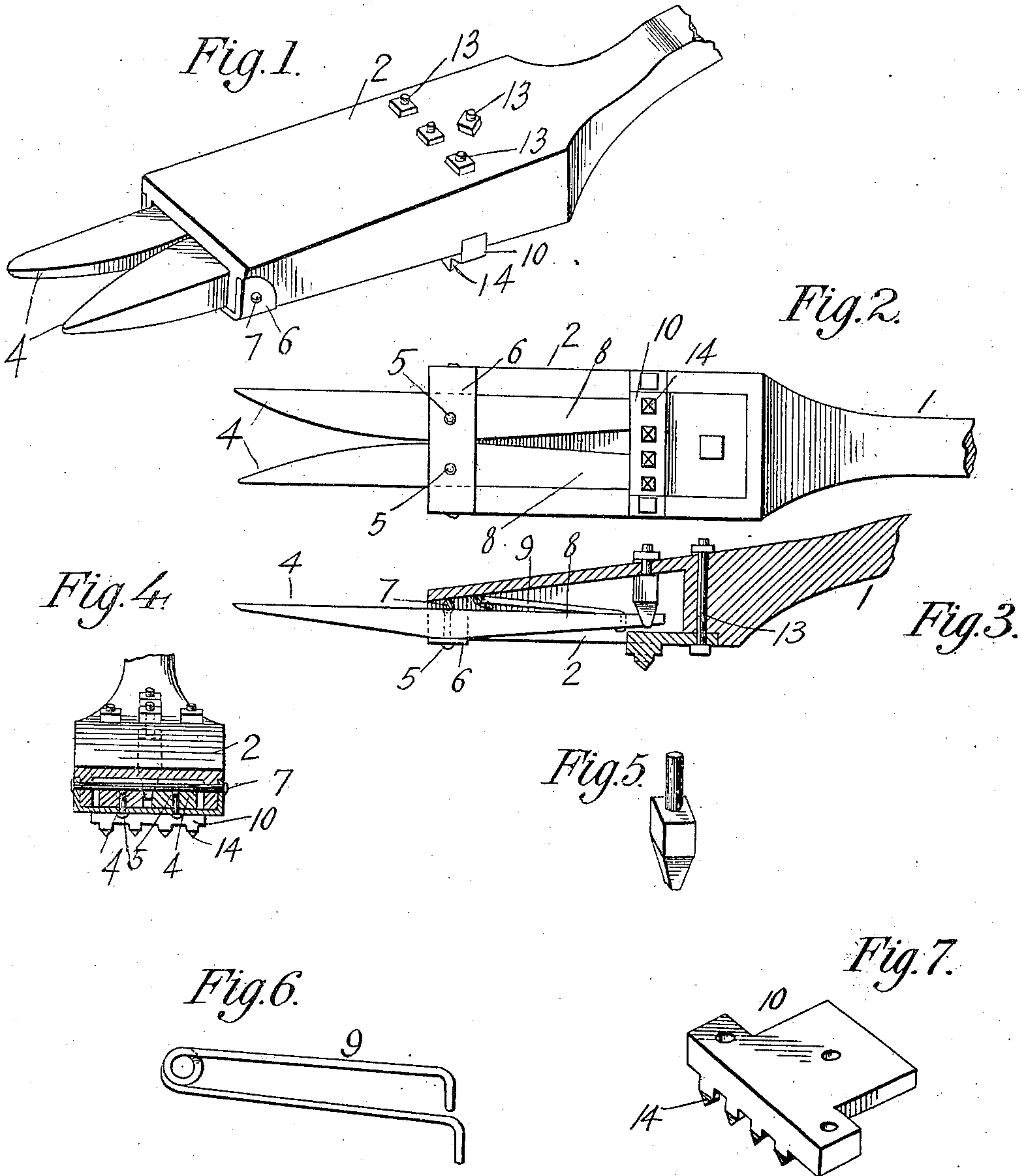
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Patented Feb. 18, 1902.

A. BRASSINGTON.
CLAW BAR.

(Application filed Aug. 19, 1901.)

(No Model.)



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UNITED STATES PATENT OFFICE.

ABRAHAM BRASSINGTON, OF MOUNT CARMEL, PENNSYLVANIA.

CLAW-BAR.

SPECIFICATION forming part of Letters Patent No. 693,779, dated February 18, 1902.

Application filed August 19, 1901. Serial No. 72,575. (No model.)

To all whom it may concern:

Be it known that I, ABRAHAM BRASSINGTON, a citizen of the United States, residing at Mount Carmel, in the county of Northumberland and State of Pennsylvania, have invented certain new and useful Improvements in Claw-Bars; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to claw-bars.

The object of the invention is to provide a tool or implement of this character which shall be simple of construction, durable in use, comparatively inexpensive of production, and by means of which headed or headless spikes, nails, and like fastening means of various thicknesses may be expeditiously drawn.

With this and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a perspective view of my improved claw-bar. Fig. 2 is a bottom plan view. Fig. 3 is a longitudinal central vertical sectional view through the recessed or chambered head of the bar. Fig. 4 is a view taken at right angles to Fig. 3 through the pivoted frame. Fig. 5 is a detail perspective view of the shank-spreader. Fig. 6 is a plan view of the spring for closing the jaws, and Fig. 7 is a similar view of the shoe.

In the drawings, 1 denotes the handle of the claw-bar, and 2 its head, which is recessed or chambered on its under side.

4 denotes two claw-jaws pivoted by vertical pivots 5 in a frame 6, which is pivoted by a horizontal pivot 7 to the lower end of the claw-bar. The frame consists, preferably, of a yoke. The jaws have rearwardly-extending shanks 8, which are located in the chamber or recess in the head and are normally held apart by a spring 9, connected to said jaws and confined within said recess or chamber. Arranged between the shanks of the jaws within the chamber or recess is a spreader in the form of a tapering plug, which may be se-

cured in position by being provided with an upwardly-projecting screw-threaded shank, which extends through the top wall of the head and is held in place by a nut. The spreader, however, may be secured in position in any suitable manner or cast integral with the head.

10 denotes a shoe which is fitted into the chamber or recess at the rear end thereof and is held in place by bolts 13. This shoe is provided with a ridge 14, preferably roughened or studded to prevent slipping, and this ridge acts as a fulcrum for the device.

In operation in engaging the jaws with a nail or spike said jaws when forced forward will spread apart, so as to allow the nail or spike to pass between them. Downward pressure upon the upper end of the claw-bar will cause the shanks of the jaws to swing upwardly, and this swinging movement of the shanks upwardly causes them to engage the spreader and be spread apart, thus swinging the jaws inwardly and causing them to more tightly bite or engage the nail or spike being drawn, thus adapting the tool or implement to the withdrawal of headless nails, spikes, or other fastening devices. The greater the pressure upon the upper end of the claw-bar the greater will be the bite of the jaws upon the nail or spike.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of my invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

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

The combination with a claw-bar having a recessed or chambered head, of a bail pivoted upon a horizontal pivot to the forward end of said chambered or recessed head, jaws pivoted, by vertical pivots, to said bail and having horizontally-projecting shanks which are located within the chambered or recessed

head, a spring for forcing the inner ends of
said shanks apart, and a spreader-head car-
ried by said head and projecting downwardly
into said chamber or recess within the path
5 of movement of the shanks of said jaws, sub-
stantially as set forth.

In testimony whereof I have hereunto set

my hand in presence of two subscribing wit-
nesses.

ABRAHAM BRASSINGTON.

Witnesses:

JAMES BRASSINGTON,
ROBERT GRAHAM.