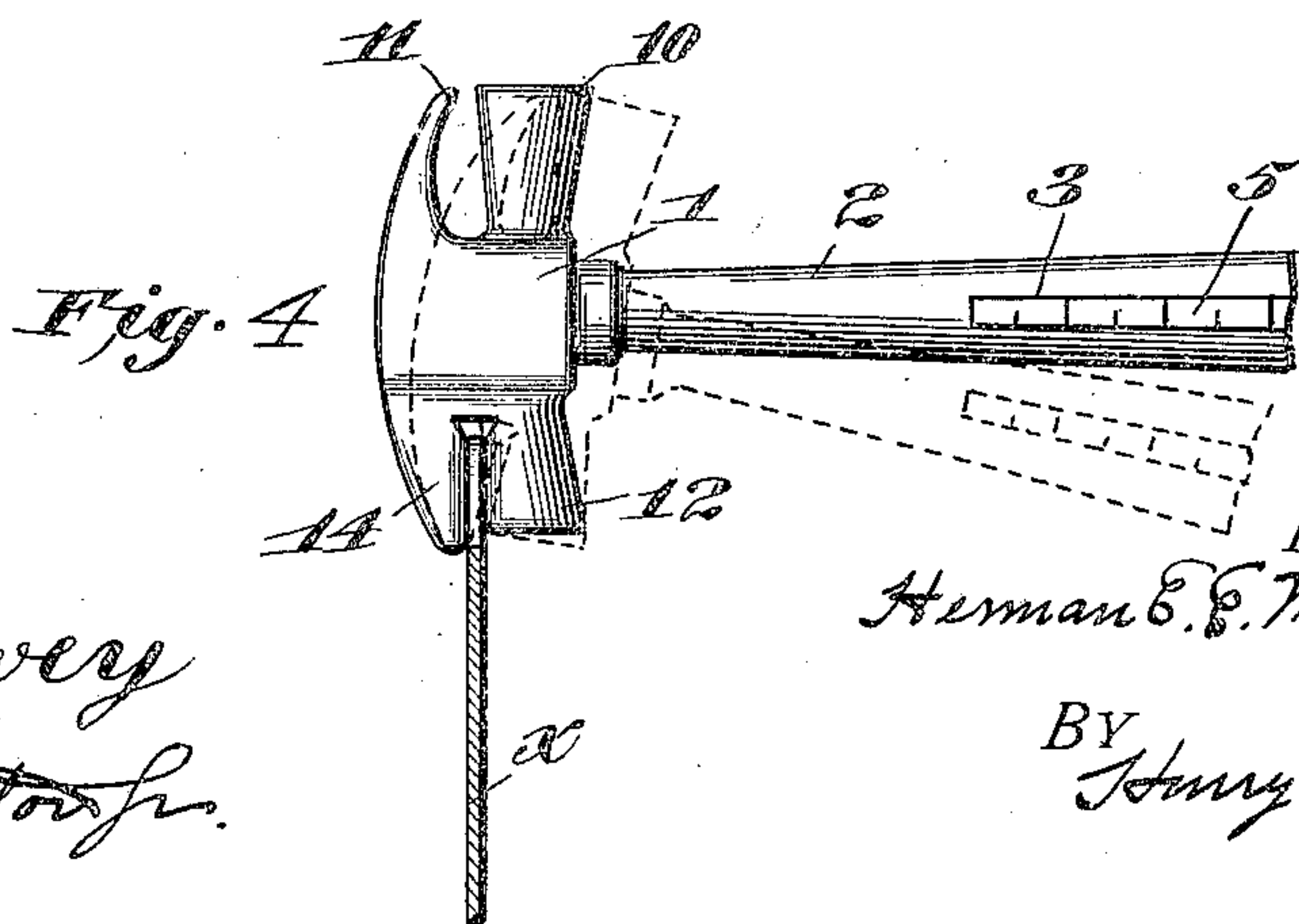
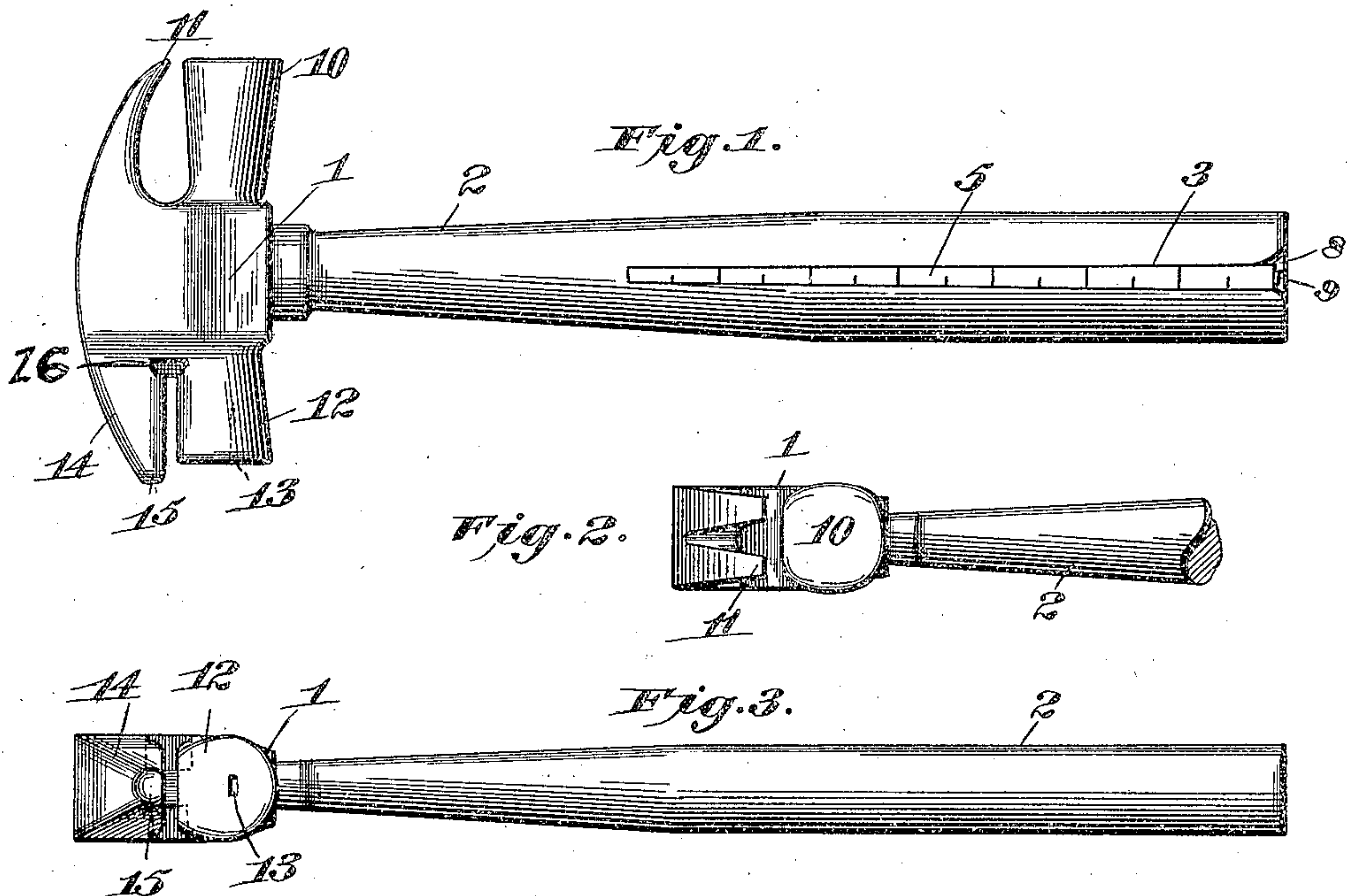


No. 812,947.

PATENTED FEB. 20, 1906.

H. E. E. MOLKENTHIN.  
COMBINATION TOOL OF THE HAMMER TYPE.  
APPLICATION FILED MAY 18, 1904.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

HERMAN E. E. MOLKENTHIN, OF COEUR D'ALENE, IDAHO.

## COMBINATION-TOOL OF THE HAMMER TYPE.

No. 812,947.

Specification of Letters Patent.

Patented Feb. 20, 1906.

Application filed May 18, 1904. Serial No. 208,548.

*To all whom it may concern:*

Be it known that I, HERMAN E. E. MOLKENTHIN, a citizen of the United States, residing at Coeur d'Alene, county of Kootenai, and State of Idaho, have invented certain new and useful Improvements in Combination-Tools of the Hammer Type, of which the following is a specification.

My invention relates to combination-tools of the hammer type, and unlike most of the combination-tools of the past it does not aggregate a number of elements which have no relation to each other, but combines a number of useful parts that are interdependent and go to make a tool of utility.

The object of the invention is the provision of parts on the hammer which are so correlated thereto as to make the parts indispensable in the uses to which a hammer is put.

A further object of the invention is the provision of means slidably mounted in the handle which will enable the operation of the tool to measure distances apart which nails are to be driven in precise work.

A still further object of the invention is the provision of means slidably mounted in the handle for sawing and novel means for locking the sawing means and the measuring means in the handle.

The invention consists of the novel features and combination of parts, which will be more fully described hereinafter and pointed out in the appended claims.

The drawings forming part of this application are to be considered in connection with the following specification, and in which—

Figure 1 is a side plan view of the tool. Fig. 2 is a detail view of one side, showing the claw superposed above the nail-driver. Fig. 3 is a view of the opposite side. Fig. 4 is a detail showing the hammer used to set a crosscut-saw.

Referring more specially to the drawings, 1 represents the body of the device, which is secured to the handle 2.

The numerals 3, 5, 8, and 9 refer to parts which have been shown at Figs. 1 and 4 and which are described in my copending application, Serial No. 224,124, which is a division of this application.

Integral with the body 1 of the device and extending out therefrom is the head of the

hammer 10 and directly above is the claw-bar 11, both of the usual construction. Extending in the opposite direction and also integral with the body 1 is a head 12, similar to the driving-head 10, but somewhat shorter, and centrally located therein is a V or wedge shaped aperture 13 of suitable length, which is adapted to receive the end of a nail to bend it or break it off. Superposed with relation to the head 12 is a nail-setting head 14, tapered to a dull point 15 sufficiently small to set the ordinary nail. This head can be used in place of a ball-point hammer for riveting, thus avoiding the necessity of having two hammers. Between the nail-setting head 14 and the head 13 are formed undercut apertures 16 on either side of the body 1, adapted to receive the heads of nails which are to be started above where they can be reached without the added length of the hammer to the height of the operator.

When the rule is to be used, the rule-catch is depressed and the rule withdrawn to the requisite distance. With the saw the catch is depressed and the saw entirely drawn out and reversed and the catch allowed to seat in an aperture formed in the body of the saw, so as to lock it in operative position.

In Fig. 4 I have shown the way the device is operated to set the teeth of a crosscut-saw *x*. The tooth of the saw is inserted between the heads 12 and 14 and the handle depressed, so as to bend the tooth out of alignment of the back of the blade to the distance required to give it the necessary set.

In this application I lay no claim to the mechanism and operation of holding the tools within the handle of the device, as this has been distinctly claimed in my copending application, Serial No. 224,124, which is a division of this application.

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

1. A tool having a hammer-head 12 and a pointed nail-setting head 14 disposed side by side with their adjacent faces in substantially parallel relation and provided with the undercut apertures 16 on opposite sides of the body for the purpose set forth.

2. In a tool of the class described, the combination with a handle and a body transverse



thereto, of a nail-driving head and a nail-extracting claw on one side of the handle and substantially parallel to each other, a nail-setting head, and an apertured head also substantially parallel and extending on the opposite side of the handle, said nail-setting head being longer and extending beyond said apertured head, said aperture in said aper-

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tured head adapted to receive the point of a nail.

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

HERMAN E. E. MOLKENTHIN.

Witnesses:

G. P. BEARD,

A. V. CHAMBERLIN.