

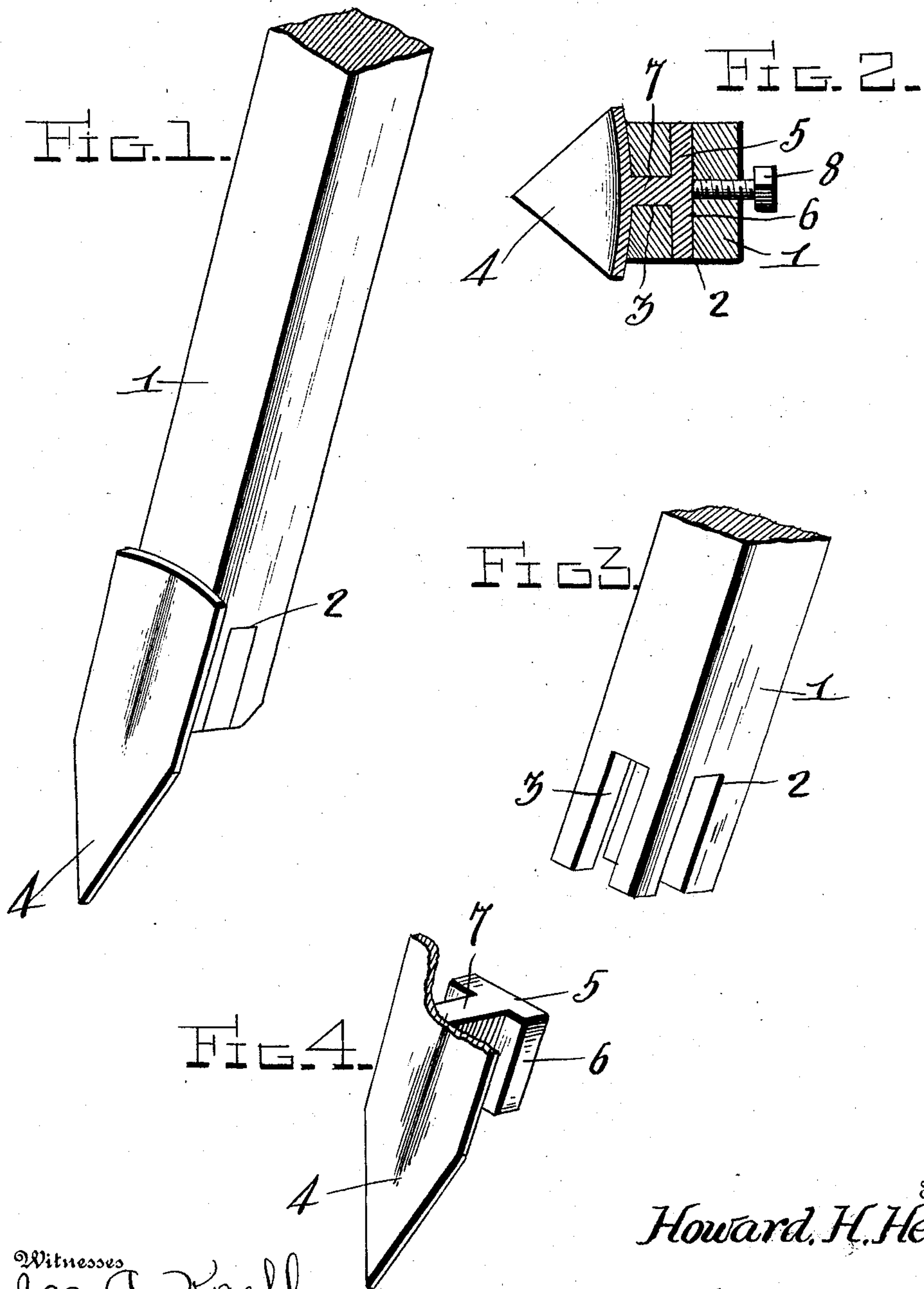
No. 775,770.

PATENTED NOV. 22, 1904.

H. H. HERROD, JR.
AGRICULTURAL IMPLEMENT.

APPLICATION FILED MAY 5, 1904.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

HOWARD H. HERROD, JR., OF TROY, TEXAS.

AGRICULTURAL IMPLEMENT.

SPECIFICATION forming part of Letters Patent No. 775,770, dated November 22, 1904.

Application filed May 5, 1904. Serial No. 206,545. (No model.)

To all whom it may concern:

Be it known that I, HOWARD H. HERROD, Jr., a citizen of the United States, residing at Troy, in the county of Bell and State of Texas, have invented certain new and useful Improvements in Agricultural Implements; 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.

This invention relates to agricultural implements, and particularly to a novel construction of standard and plow-point, cultivator, shovel, rake-tooth, or like implement, whereby the same may be conveniently detached for the substitution of another implement and whereby the implement when applied to the standard will be firmly secured in position.

The object of the invention is to provide a structure which will attain these advantages in a simple, convenient, and effective manner.

In the accompanying drawings, Figure 1 is a perspective view of a standard and cultivator-tooth embodying the invention. Fig. 2 is a horizontal section through the same. Fig. 3 is a detail perspective view of the lower end of the standard, and Fig. 4 is a similar view of the tooth detached.

The standard 1 may be of any general form suitable for the purpose and is provided at its lower end with a transverse slot 2, opening through its sides and base, and with a vertical slot 3 in the front wall of the bifurcated portion formed by the slot 2, said slot 3 opening at its lower end through the lower end of said wall and communicating with the slot 2. The slots 2 and 3 terminate at the same point transversely of the standard 1, and thus provide a T-shaped shoulder or stop at the point where they terminate to serve as an abutment for the upper end of the shank or head of the implement, as will be presently described.

The plow-point, cultivator-shovel, tooth 4, or other implement is provided upon its rear side with a T-head 5, comprising a transverse plate or flange 6 and a centrally-disposed connecting-web 7. This T-head is adapted to fit within the slots 2 and 3 of the standard 1 to detachably connect the implement thereto, and

in applying the implement to the standard the T-head is brought into position to have its flange 6 and web 7, respectively, register with the slots 2 and 3, and then the implement is moved upwardly to slide the T-head into the slots, the parts of the head serving when thus applied to detachably connect the implement to the standard and to hold the implement against casual dislocation from longitudinal or transverse strain.

It is to be noted that the T-head 5 of the implement is of substantially the same length as the slots 2 and 3 and that the upper end of said head 5 is firmly seated against the abutment formed at the terminal upper ends of the slots 2 and 3 and that the lower end of said head 5 when the implement is secured in place is substantially flush with the lower slotted end of the standard. This construction affords a comparatively long bearing and a very firm seat for the implement. In order to secure the T-head to the standard, a fastening 8, which may be a set-screw, a bolt, or other type of securing device, is passed through the rear wall of the bifurcated portion of the standard and engages the T-head, thus preventing the latter from slipping out of the sockets.

It will of course be understood that the T-head may be cast or otherwise formed upon the implements or may be formed independently of and suitably secured thereto; also, that other means than we show may be employed to retain the T-head in position.

By the use of the slotted standard and T-head the implement may be readily and quickly detached from the standard and a new one substituted therefor, or different types of implements may be made interchangeably connectible with the standard to adapt the agricultural apparatus to be employed for various kinds of work.

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

Various changes in the form, proportion, and the minor details of construction may be

resorted to without departing from the principle or sacrificing any of the advantages of this invention.

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

A standard for agricultural implements provided at its lower end with a T-slot terminating at its upper end in an abutment, in combination with an implement having a T-head
10 of substantially the same length as the slot

and its upper end designed to rest against the abutment at the upper end of the T-slot, and means for securing the head in the slot, substantially as described.

In testimony whereof I have hereunto set
my hand in presence of two subscribing witnesses.

HOWARD H. HERROD, JR.

Witnesses:

J. W. SHARP,
D. O. FINNELL.