

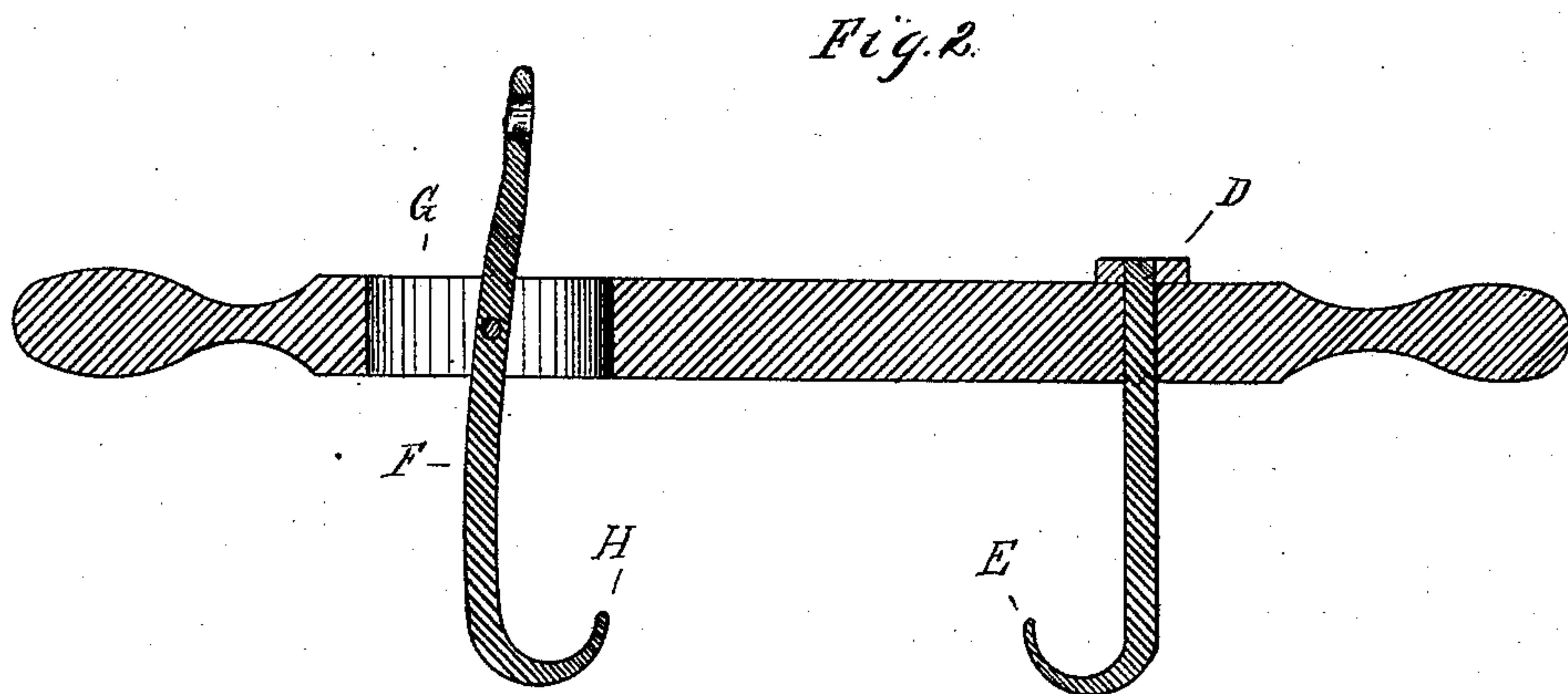
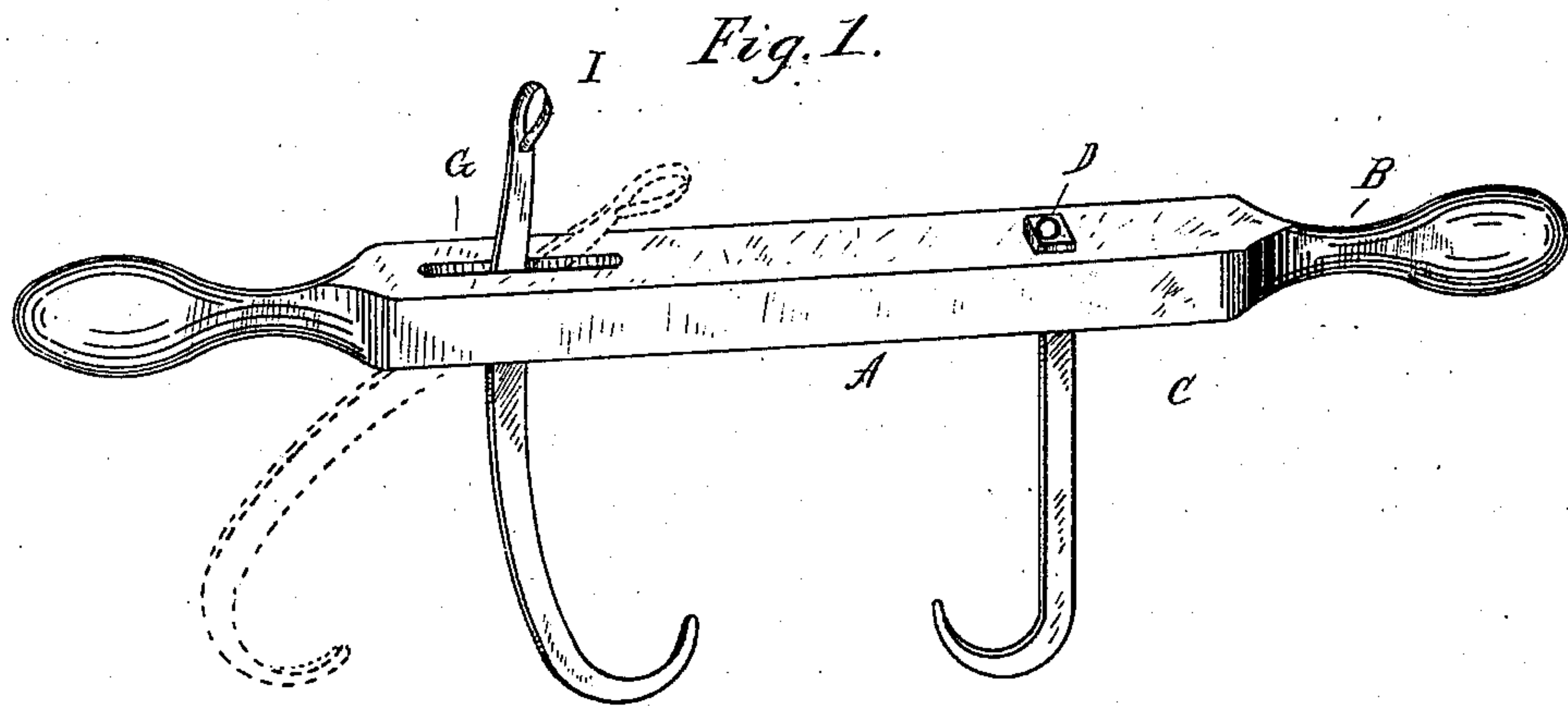
(No Model.)

W. H. CROW.

LIFTING HOOK.

No. 301,866.

Patented July 15, 1884.



WITNESSES

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UNITED STATES PATENT OFFICE.

WILLIAM HENRY CROW, OF MARK CENTRE, OHIO.

LIFTING-HOOK.

SPECIFICATION forming part of Letters Patent No. 301,866, dated July 15, 1884.

Application filed May 16, 1884. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. CROW, a citizen of the United States, residing at Mark Centre, in the county of Defiance and State of Ohio, have invented a new and useful Lifting-Hook, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to lifting-hooks; and it has for its object to provide a device of this character which will be simple in its construction, inexpensive to manufacture, and efficient in use.

A further object of the invention is to provide a hook to be used for lifting ties on railroads which will have considerable lifting-power, and which may be handled with convenience by the operators.

With these and other objects in view the said invention consists in certain details of construction and combination of parts, as hereinafter set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view of my improved lifting-hook. Fig. 2 is a longitudinal section through the same.

Like letters refer to corresponding parts in the several figures.

Referring to the drawings, A designates the body of my improved lifting-hook, constructed of wood or other suitable material, and having its ends rounded, to serve as handles B B to be grasped by the operators. A stationary hook, C, passes through one end of the body A, and is held firmly in place by a nut, D, the lower end of the hook having a point, E, projecting upwardly, and the body of the hook being curved, substantially in the manner shown.

F designates a pivoted hook pivoted in a slot, G, at one end of the body A, and constructed of substantially the same form as the stationary hook, but larger in size; the lower end of the pivoted hook having a point, H, projecting upward and corresponding to the point E of the stationary hook. The pivoted hook F extends upward above the body A, and has a ring, I, formed on its upper end,

said ring serving as a means for loosening or tightening the grip of said hook.

The operation of my invention will be readily understood from the foregoing description taken in connection with the annexed drawings. Each handle of the lifting bar or body A is grasped by one of the operators, the pivoted hook being adjusted forward or backward to suit the relative distance between the tie which is desired to be raised. The bar or body may now be raised to elevate the tie, the weight of the latter causing the hooks to have a firmer hold thereon. Thus the ties on railroads may be lifted without much expenditure of time and with less inconvenience than by the ordinary hooks.

It will be seen that by having one hook stationary and the other pivoted or movable the adjustment of the hook to different sizes of ties may be accomplished with ease, while the hook will have a better hold on the part to be raised.

It will be apparent that my device can be used for lifting timbers, rocks, and other heavy weights besides railroad-ties, and for this reason I would have it understood that I do not limit myself to this special use.

Having described my invention, I claim—

1. In a lifting-hook, the combination, with the body of any suitable length and shape, of the stationary hook secured therein, and a hook pivoted to the body on one side of the stationary hook, as set forth.

2. In a lifting-hook, the combination, with the body formed with handles at each end, of a stationary hook and a pivoted hook attached thereto, as set forth.

3. In a lifting-hook, the combination, with the body formed with handles at each end, of a stationary hook secured therein at one end and a hook of larger size pivoted in a slot at the other end, and formed with a ring at its upper end, as set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM HENRY CROW.

Witnesses:

DANIEL G. HUFFMAN,
C. G. SHEPARD.