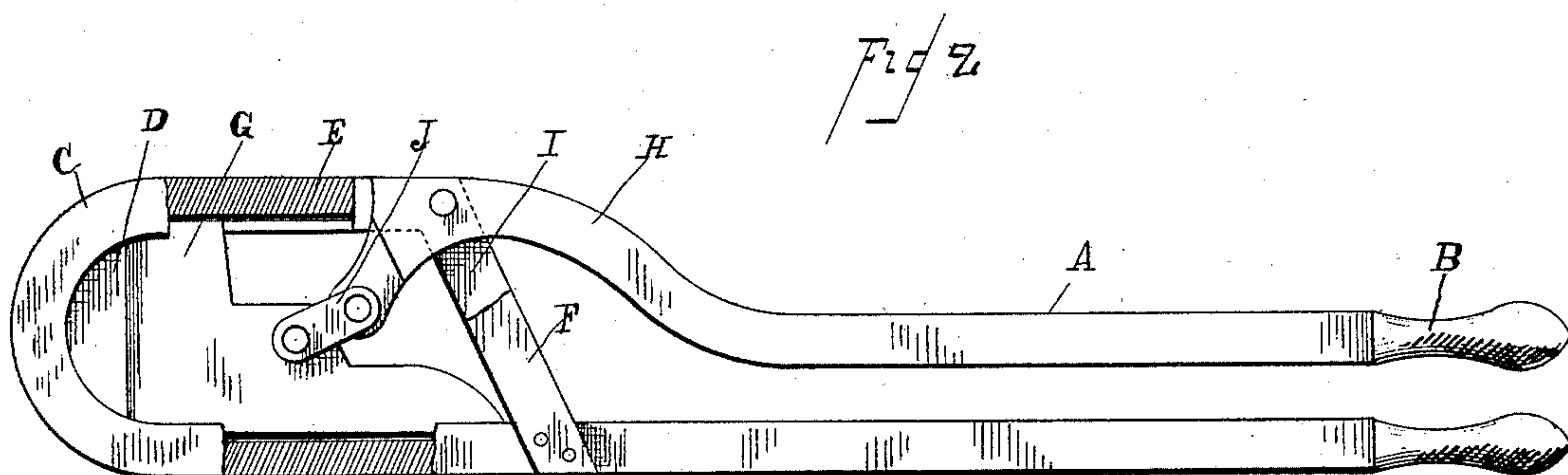
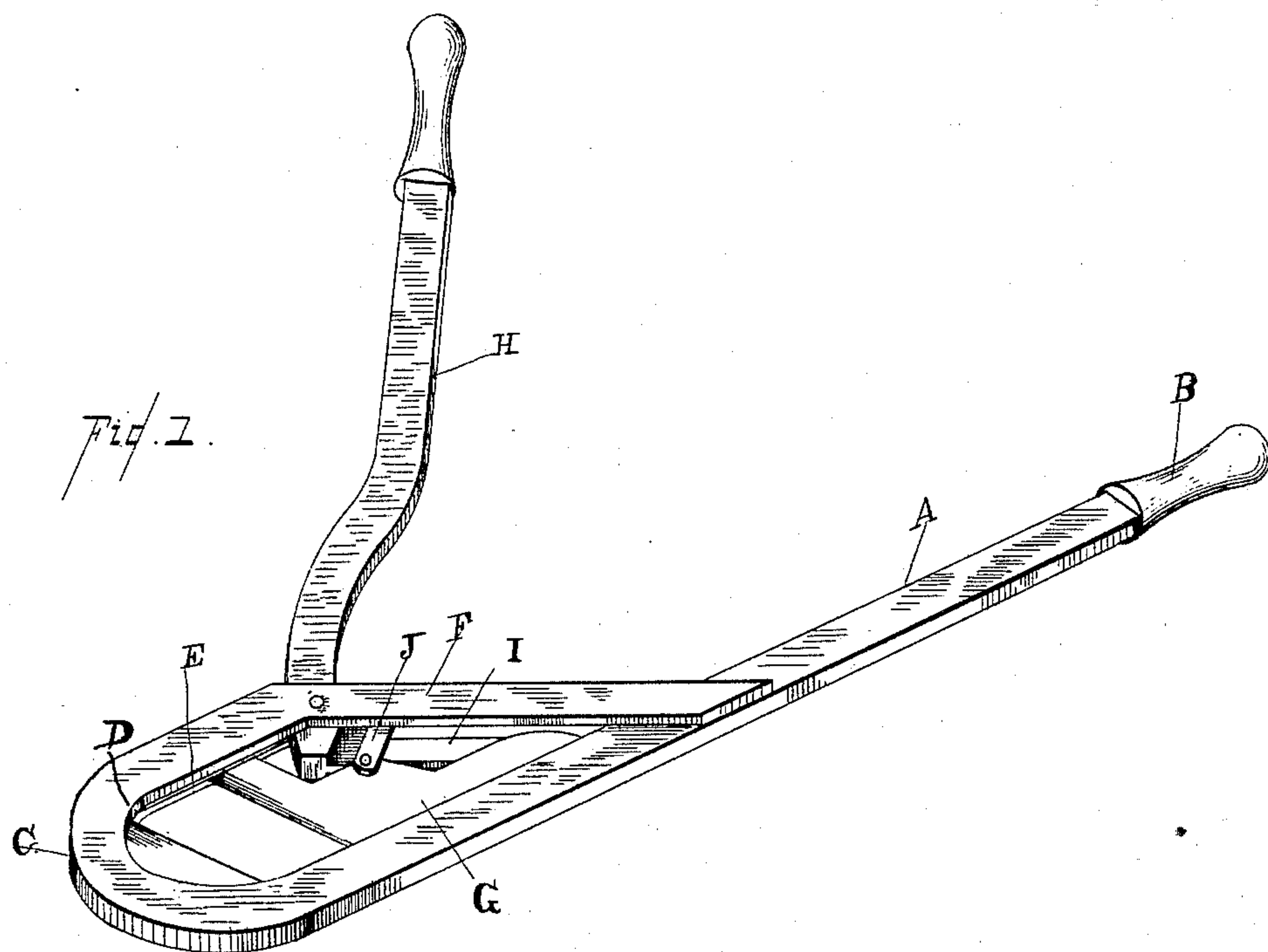


(No Model.)

H. W. LEAVITT.
DEHORNING DEVICE.

No. 432,056.

Patented July 15, 1890.



WITNESSES

A. J. Schwartz
R. H. Bishop

Harry W. Leavitt
INVENTOR

By W. T. Fitzgerald
Attorney

UNITED STATES PATENT OFFICE.

HARRY W. LEAVITT, OF HAMMOND, ILLINOIS.

DEHORNING DEVICE.

SPECIFICATION forming part of Letters Patent No. 432,056, dated July 15, 1890.

Application filed March 21, 1890. Serial No. 344,840. (No model.)

To all whom it may concern:

Be it known that I, HARRY W. LEAVITT, a citizen of the United States, residing at Hammond, in the county of Piatt and State of Illinois, have invented certain new and useful Improvements in Dehorning Devices; and I do hereby 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.

My invention relates to improvements in devices for dehorning cattle; and it consists in certain novel features hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved device as applied to use. Fig. 2 is a side view with a part broken away.

In carrying out my invention I employ a bar A, having a handle B at one end, and having its opposite end bent backward or doubled upon itself to form the hook C, as shown. To the side of this bar at the end or bend of the hook I secure the stationary knife D, and in the edges of the said bar I form the longitudinal recesses E, which are partly covered by the frame F, so as to form a guide for the sliding knife. The sliding knife G has its opposite edges fitted in the guideways formed by the recesses E, and it is adapted to move to and away from the stationary knife in the said recesses. The operating-lever or vibrating handle H is fulcrumed between the frame F and a similar frame I on the opposite side of the device, and it is connected to the knife by a link J.

It will be seen that the flat metal frames F and I, which are secured on the opposite sides of the bar A and its hook C, parallel to each other, firmly connect and brace the point of the hook C to the body of the bar A, closing the open end of the hook, and thus greatly adding to the strength and durability of the tool, rendering it almost impossible for the point of the hook to be bent or broken in hard usage.

In practice the handles are separated, so that the sliding knife will be withdrawn from the stationary knife, and the device is then slipped downward over the horn. The vibrating handle or operating-lever is then swung toward the stationary bar A, and the sliding knife thus forced against the stationary knife, severing the horn.

It will be observed that my device is extremely simple in its construction, and that by its use the horn will be easily and efficiently cut off.

The construction of the device with the longitudinal recesses in the edges of the stationary bar brings the sliding knife close to one side, so that the horn can be cut off as short as may be desired. The sliding knife is guided directly to the horn by these recesses, so that the horn will be positively cut at the desired point, and the edges of the two knives overlap, so as to produce a shearing cut on the horn, and thus make the operation of the device very light and easy.

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

The combination of the bar A, having its end doubled on itself and provided with the longitudinal side recesses E, the flat metal frames F and I, secured to the said bar and its hook C, closing the open end of the said hook, the stationary knife secured to the said bar, the sliding knife mounted in the longitudinal recesses, the operating-lever pivoted between the frames F and I, and the link connecting said lever with the sliding knife, as set forth.

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

HARRY W. LEAVITT.

Witnesses:

ROBERT F. CORNEY,
W. R. KIZER.