

(No Model.)

A. DROWN.

CANT HOOK.

No. 324,095.

Patented Aug. 11, 1885.

Fig. 2.

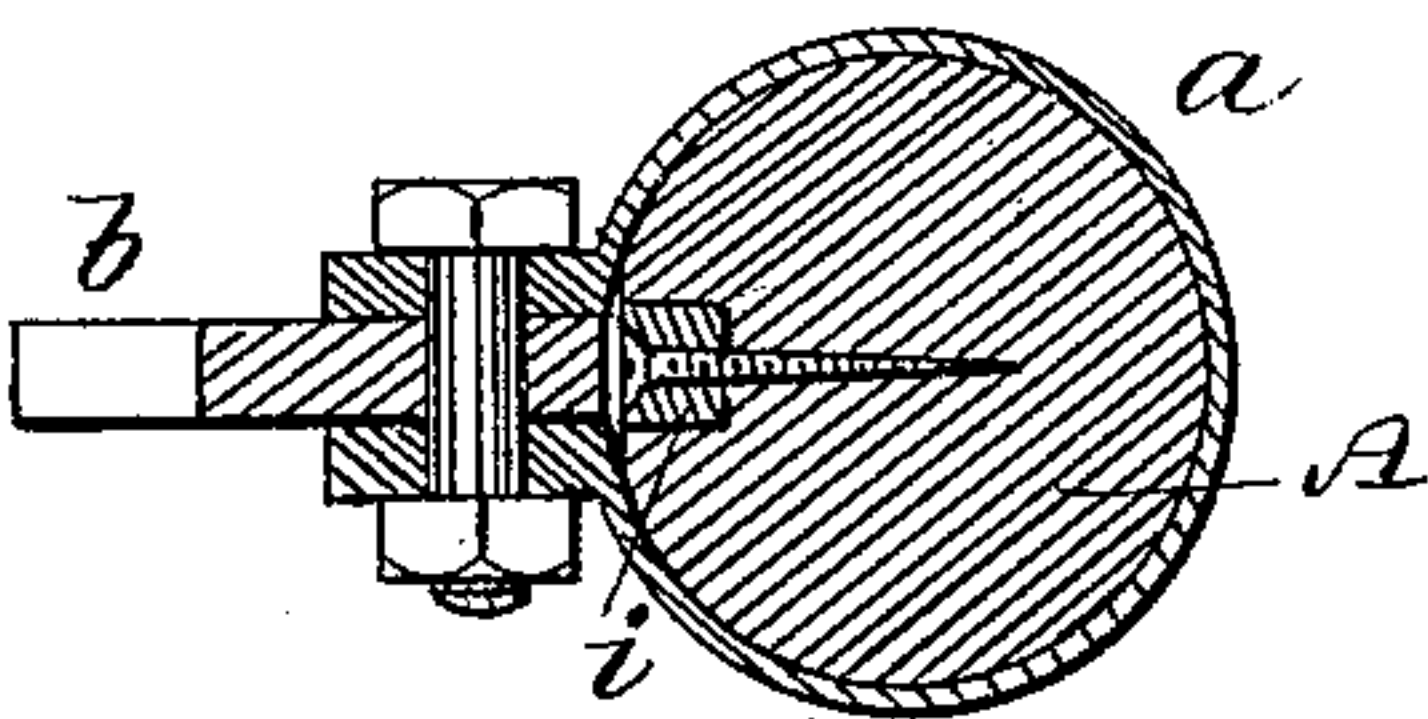


Fig. 1.

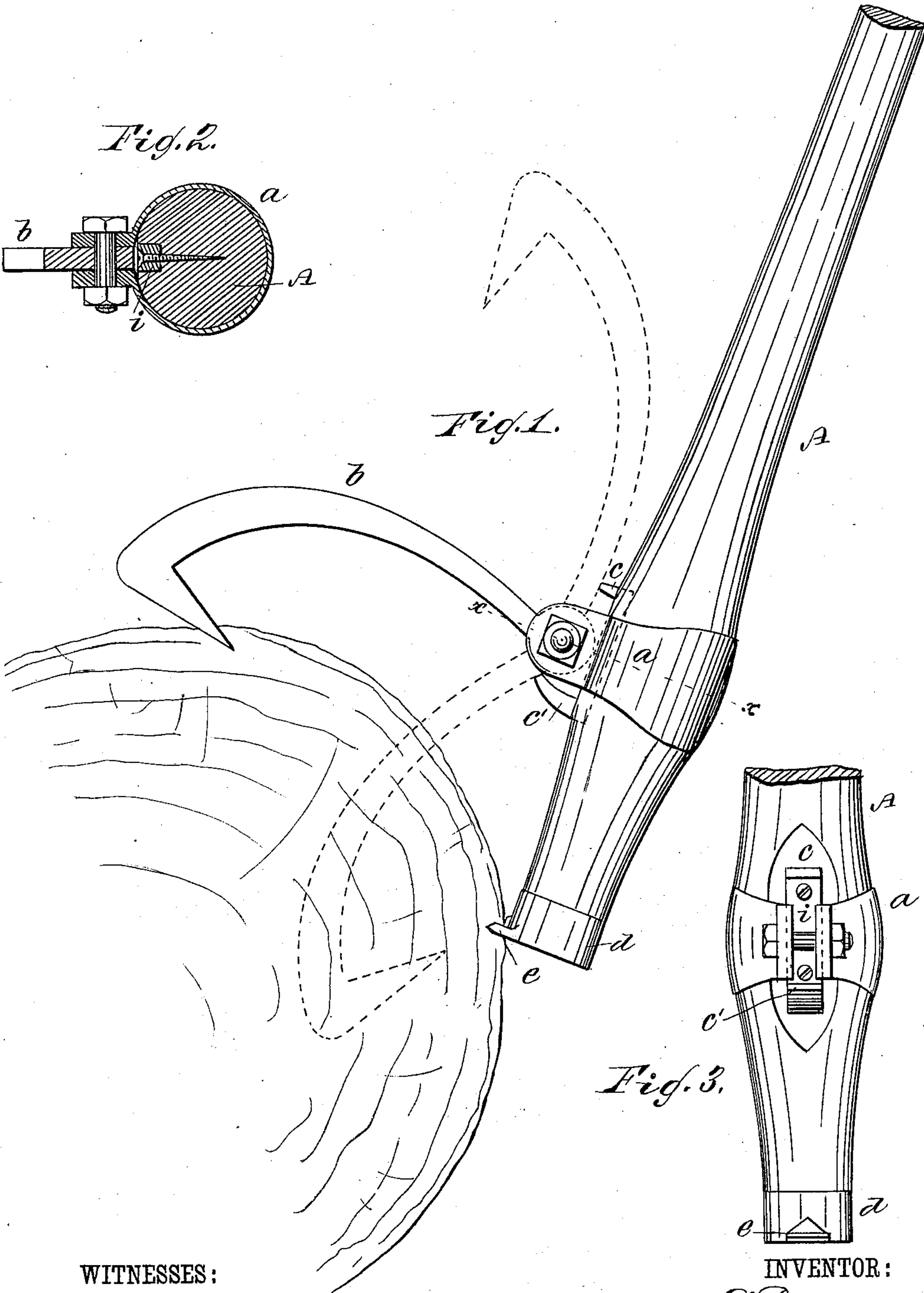
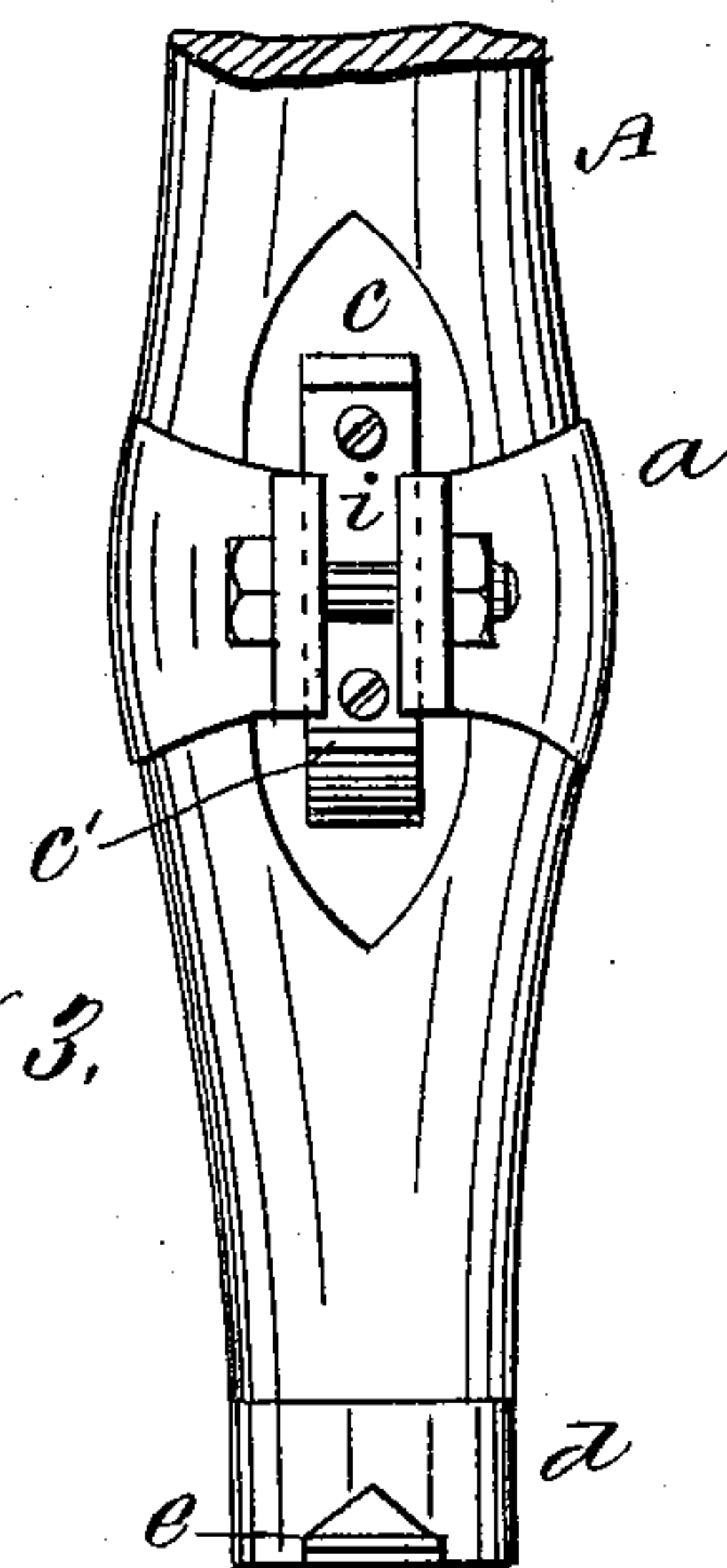


Fig. 3.



WITNESSES:

Thos. G. Hoston
C. Sedgwick

INVENTOR:

A. Drown
BY *Munn & Co*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

AARON DROWN, OF SOUTH BARTON, VERMONT.

CANT-HOOK.

SPECIFICATION forming part of Letters Patent No. 324,095, dated August 11, 1885.

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

To all whom it may concern:

Be it known that I, AARON DROWN, of South Barton, in the county of Orleans and State of Vermont, have invented a new and useful Improvement in Cant-Hooks, of which the following is a full, clear, and exact description.

My invention consists in certain improvements in cant-hooks for lumbermen's use, having the object to facilitate change or repair of the lugs that govern the throw of the hook, as hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of a cant-hook with my improvements, showing the same as applied to a log. Fig. 2 is a cross-section on the line *x x*, Fig. 1. Fig. 3 is a face view of the handle or lever with the hook removed.

The handle *A* is fitted with a strap or collar, *a*, having ears between which the hook *b* is hung. In a mortise beneath the collar *a* is fitted a metal plate or piece, *i*, the ends of which extend beyond the collar, and are bent outward or formed with lugs *c c'*, which form stops which serve to govern the throw of the hook.

In cant-hooks as heretofore constructed the lugs have been formed upon the sleeve or socket that receives the handle of the implement, and the result has been that when either of the lugs becomes broken the entire socket must be removed and a new one provided.

An example of such construction is seen in Patent No. 98,584. I overcome this objection by constructing the plate *i* with a lug, *c c'*, at each end, and I insert the plate *i* in a recess made in the face of the handle, between the

strap ends and under the bolt on which the cant-hook swings. The plate *i* may be longitudinally adjusted on the handle, *A*, so as to change the position of the lugs in reference to the hook *b* and govern the throw of the same.

The construction of plate *i* with the lugs, one at each end, and the combination of the same in a recess of the handle with the strap and hook, forms a very strong and effective device for regulating the throw of the cant-hook, and in case of breakage of either one of the lugs they are quickly replaced by inserting a new plate, *i*, without removal or loss of any other parts, thereby effecting a saving in cost. Furthermore, lugs of different sizes may readily be used by providing plates having lugs of varying sizes. The lower end of the handle is fitted with a ferrule, *d*, that is formed with a spur or projection, *e*, for entering the timber, so as to prevent the handle from slipping; and the tool is also made more effective by shortening up the portion of the handle below the collar *a*, or making the hook *b* of a length to reach beyond that end.

My invention presents a considerable range of adjustment, is cheap in construction, economical, and convenient in use.

I claim—

In a cant-hook, the combination, with the handle or lever and the hook, with its retaining-collar, of the plate disposed opposite the inner end of the hook, being let into recess in the lever and provided with studs at its ends to limit the movement of the said hook, substantially as and for the purpose set forth.

AARON DROWN.

Witnesses:

L. H. ORCUTT,
ORLIN W. BEAN.