

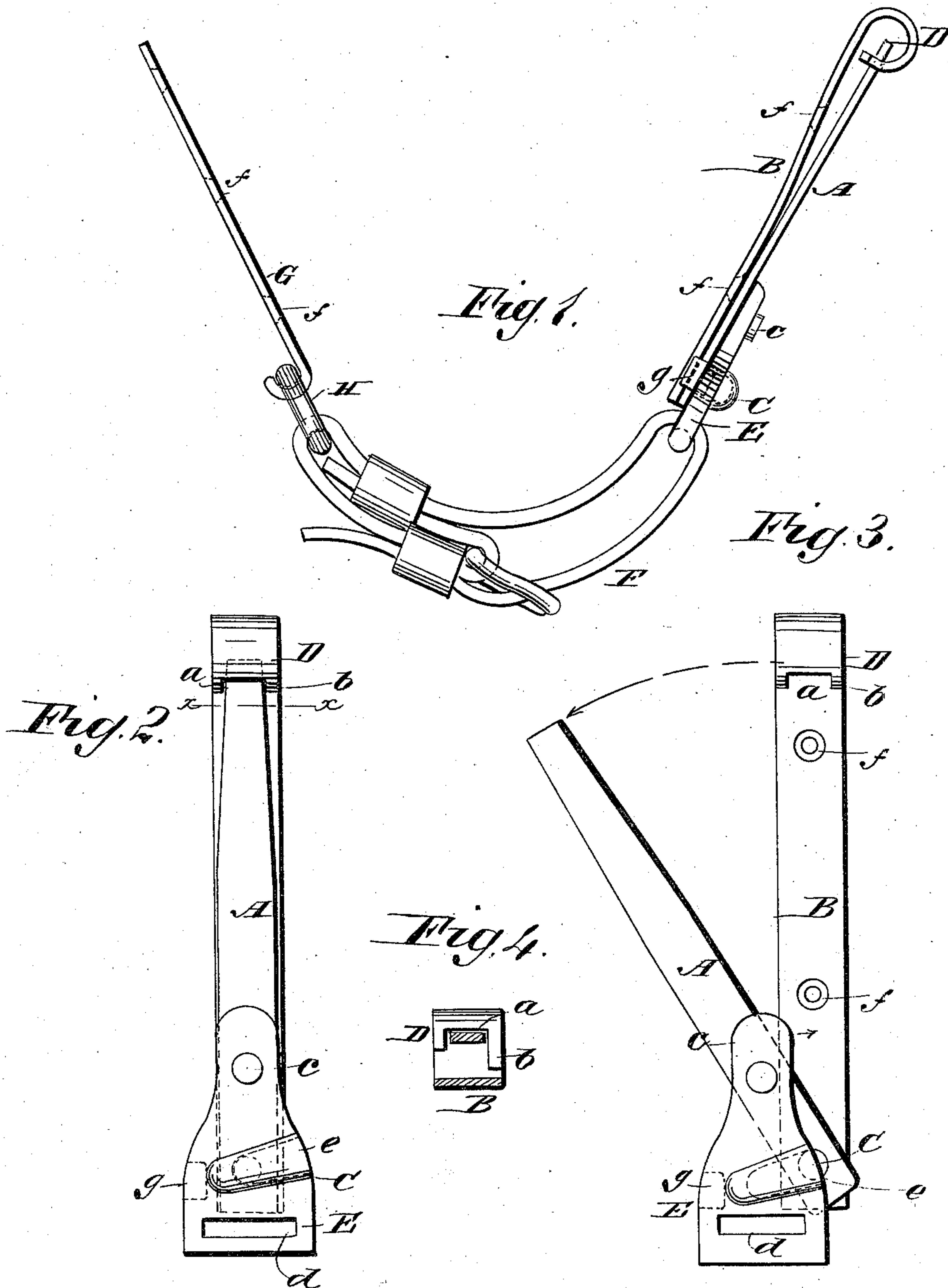
(No Model.)

G. W. GREENE.

HAME FASTENER.

No. 305,588.

Patented Sept. 23, 1884.



WITNESSES:

Francis M. Arnold
C. Sedgwick

INVENTOR:

G. W. Greene
BY Munn & Co
ATTORNEYS.

UNITED STATES PATENT OFFICE.

GEORGE W. GREENE, OF ABINGTON, INDIANA, ASSIGNOR TO HIMSELF
AND ORAS F. WOOD, OF SAME PLACE.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 305,588, dated September 23, 1884.

Application filed June 10, 1884. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. GREENE, of Abington, in the county of Wayne and State of Indiana, have invented a new and Improved Hame-Fastener, of which the following is a full, clear, and exact description.

My invention relates to fasteners for hames of harness; and it consists, in combination with a stirrup for receiving the hame-strap, of a locking-lever for tightening and fastening the hame.

The object of my invention is to provide an inexpensive and easily-operated fastener which will be light and strong, but not cumbersome.

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 my improved fastener. Fig. 2 is a front elevation of the locking-lever. Fig. 3 shows the lever unlocked, and Fig. 4 is a transverse section taken on line *x x* in Fig. 2.

The lever *A* is fulcrumed on the bar *B*, on the pivot *C*, and the bar *B* is curved over toward itself at its free end, to form a catch, *D*, for receiving the free end of the lever *A*. The catch *D* consists of a notch, *a*, formed in the curved end of the bar, with a stop, *b*, at one side thereof. The bar *B* is bent away from the bar *A* at a point near the middle of its length, to form a bearing for the lever *A* to cause it to spring and engage the catch *D*.

To the lever *A*, between its fulcrum and its free end, is pivoted on a rivet, *c*, a stirrup, *E*. The stirrup *E* is provided with a transverse slot, *d*, for receiving the hame-strap *F*, and in the inner surface of the said stirrup is formed a cavity, *e*, for receiving the projecting end of the pivot *C*, for limiting the motion of the stirrup.

The bar *B* is provided with two screw-holes, *f*, for receiving a screw for attaching it to the

hame. A hook, *G*, formed of a flat bar of metal is attached to the opposite hame, and adapted to receive the ring *H*, placed on the hame-strap *F*.

The fastening is operated by releasing the lever *A* from the catch *D* and turning the said lever on its pivot *C* until the stirrup *E* moves sufficiently to permit of releasing the ring *H* from the hook *G*. The hame is fastened by placing the ring *H* in the hook *G* and turning the lever *A* toward the catch *D*, bringing the pivots *c* and *C* into line, and depressing the free end of the lever *A*, so as to permit it to enter the notch *a* of the catch *D*.

As an additional means of preventing the stirrup *E* from slipping beyond the prescribed limit, I form on the said stirrup a lug, *g*, which strikes against the sides of the levers *A* *B*, if from any cause the projecting end of the pivot *C* is moved beyond the cavity *e*.

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

1. The combination, in a hame-fastener, of the bar *B*, provided with a catch, *D*, the lever *A*, pivoted to the bar *B*, and the stirrup *E*, adapted to receive the hame-strap, as herein specified.

2. The combination, in a hame-fastener, of the bar *B*, curved to form the catch *D*, and provided with a notch, *a*, and stop *b*, the lever *A*, pivoted to the said bar *B*, and the stirrup *E*, pivoted to the bar *A* at one side of the center line thereof, as herein described.

3. The combination of the bar *B*, having a catch, *D*, the lever *A*, and stirrup *E*, provided with a slot, *d*, and cavity *e*, as specified.

4. The combination of the bar *B*, having the catch *D*, the stirrup *E*, provided with the stop *g*, the hame-strap *F*, the ring *H*, and hook *G*, as herein specified.

GEORGE W. GREENE.

Witnesses:

CHAS. A. HUNT,
JESSE L. HUNT.