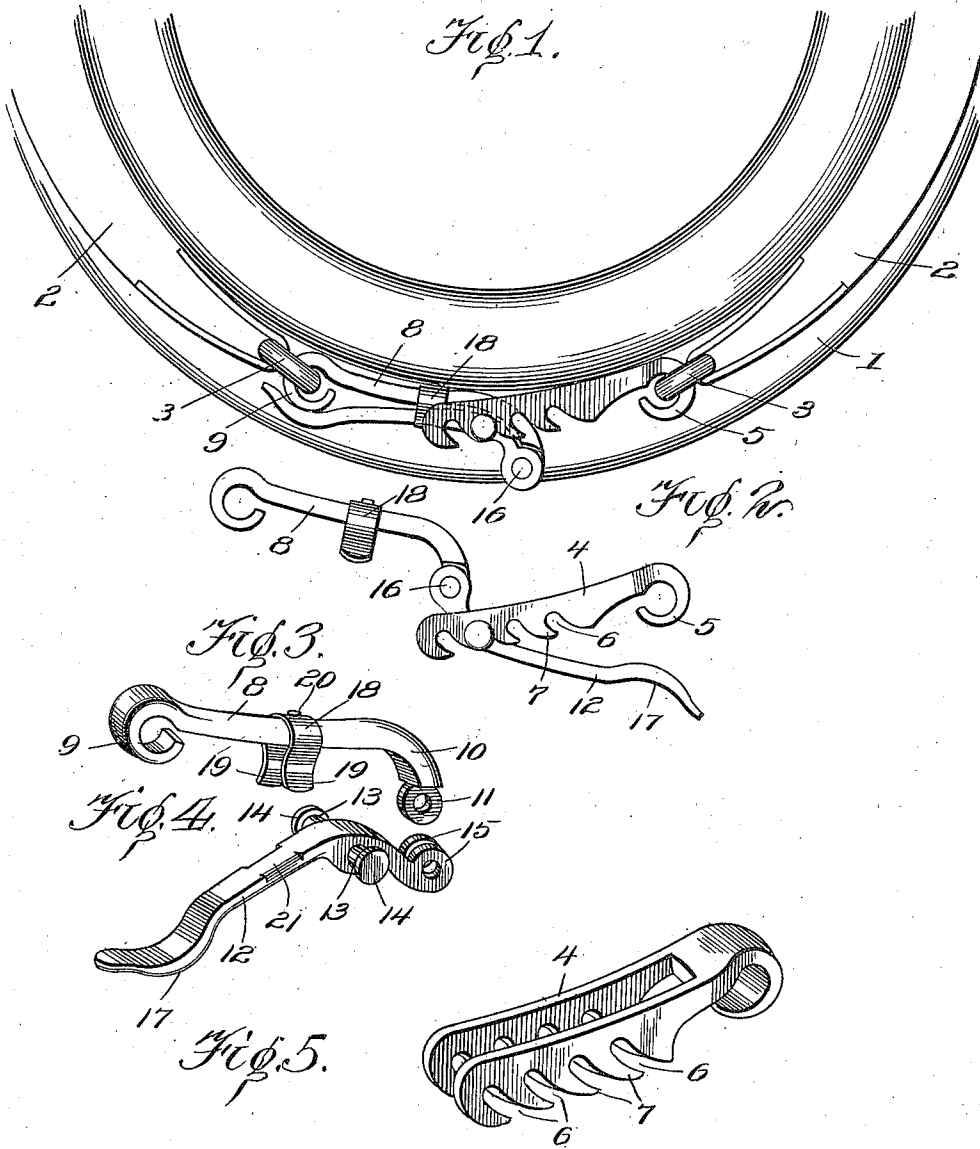


L. A. BAXTER.
HAME FASTENER.
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984,183.

Patented Feb. 14, 1911.



Witnesses

Geo. Ackman Jr.
Erasmus

Inventor

Lonnie A. Baxter

Victor J. Evans

Attorney

UNITED STATES PATENT OFFICE.

LONNIE A. BAXTER, OF CINCINNATI, OHIO.

HAME-FASTENER.

984,183.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, LONNIE A. BAXTER, a citizen of the United States of America, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented new and useful Improvements in Hame-Fasteners, of which the following is a specification.

This invention relates to hame fasteners, and one of the principal objects of the invention is to simplify devices of this character and at the same time to render them more easily and quickly operable.

Another object of the invention is to provide a hame fastener which will operate smoothly and quickly and which will not become detached from the hames and lost.

These and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which,—

Figure 1 is a front elevation of a lower portion of a horse collar and hames with my fastener connected thereto and shown in closed position. Fig. 2 is a side elevation of the fastener, the parts being shown open before the lever is swung to connect the hames to the collar. Fig. 3 is a perspective view of the keeper bar. Fig. 4 is a similar view of the lever. Fig. 5 is a perspective view of the take-up member.

Referring to the drawing, the numeral 1 designates a horse collar, and 2 are the hames which may be of the usual or any preferred construction, said hames each having a metal ring 3 pivotally connected to the lower end thereof. Attached to one of the links 3 is the take-up member 4 of the fastener, said member having the curled-over or hooked end 5 which permanently connects the take-up member to the link 3. The take-up member is provided with spaced bars arranged side by side and provided with registering backwardly inclined slots 6 and teeth 7 projecting intermediate the slots. The keeper bar 8 is provided with a hook 9 which permanently connects the same to the other link 3 of the hame, said keeper bar having a downturned end 10 and a pintle bearing 11.

The lever 12 is provided with oppositely projecting trunnions 13, said trunnions having heads 14 thereon. The lever at one end is provided with spaced knuckles 15 designed to inclose the pintle bearing 11 on

the bar 8, said parts being connected together by means of a pin 16 which is riveted to the parts to hold the bar 8 and the lever 12 together and to permit the lever to swing upon the bar. The outer end of the lever 12 is provided with a curved portion 17 which bears against the hook 9 when the parts are in closed position.

A spring clip 18 provided with diverging ends 19 is secured by means of a rivet 20 to the bar 8, said clip being designed to engage the reduced portion 21 of the lever 12 when the parts are in closed position.

From the foregoing, it will be obvious that the slots 6 and the hooks 7 engage the oppositely projecting trunnions 13 of the lever and that the heads 14 prevent side-wise movement and insure a smooth operation of the fastener. When the lever 12 is thrown into the position shown in Fig. 1, the spring clip 18 holds the parts in place. Moreover, since the pull upon the trunnions 13 is above the pivotal point 16, the tendency to hold the fastener in closed position is constant, while there is a strain upon the members. However, should they become loose, the clip 13 would serve to hold the parts in connection and prevent the hames from detachment from the collar. In view of the fact that the hooked portions 5 and 9 of the different members of the fastener are permanently connected to the links 3, the two parts of the fastener cannot become displaced or lost and are also held in proper position to be readily connected whenever required.

I claim:—

A hame fastener comprising a take-up member connected to one section of the hame, said take-up member comprising spaced bars arranged side by side and in spaced relation and provided with registering downwardly and backwardly inclined teeth and intermediate slots, said member having a hook connected with the hame, a keeper bar permanently connected to the other hame section and provided with a downwardly curved inner end, a lever pivotally connected to the said keeper bar, the said lever having oppositely exposed trunnions provided with heads upon their outer ends and said trunnions engaging the teeth of the take-up member, said lever being de-

tachable from the take-up member, and a spring clip on the keeper bar for holding the lever in closed position, said spaced side bars of the take-up member having their free
5 end portions extending directly over the jaws of the clip when the lever is engaged with the take-up member.

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

LONNIE A. BAXTER.

Witnesses:

PHINEAS S. PHILLIPS,
JOHN B. SPILKER.