(No Model.)

G. C. BOSTWICK.

HAME FASTENER.

No. 573,131. Patented Dec. 15, 1896.

Fig. 1.

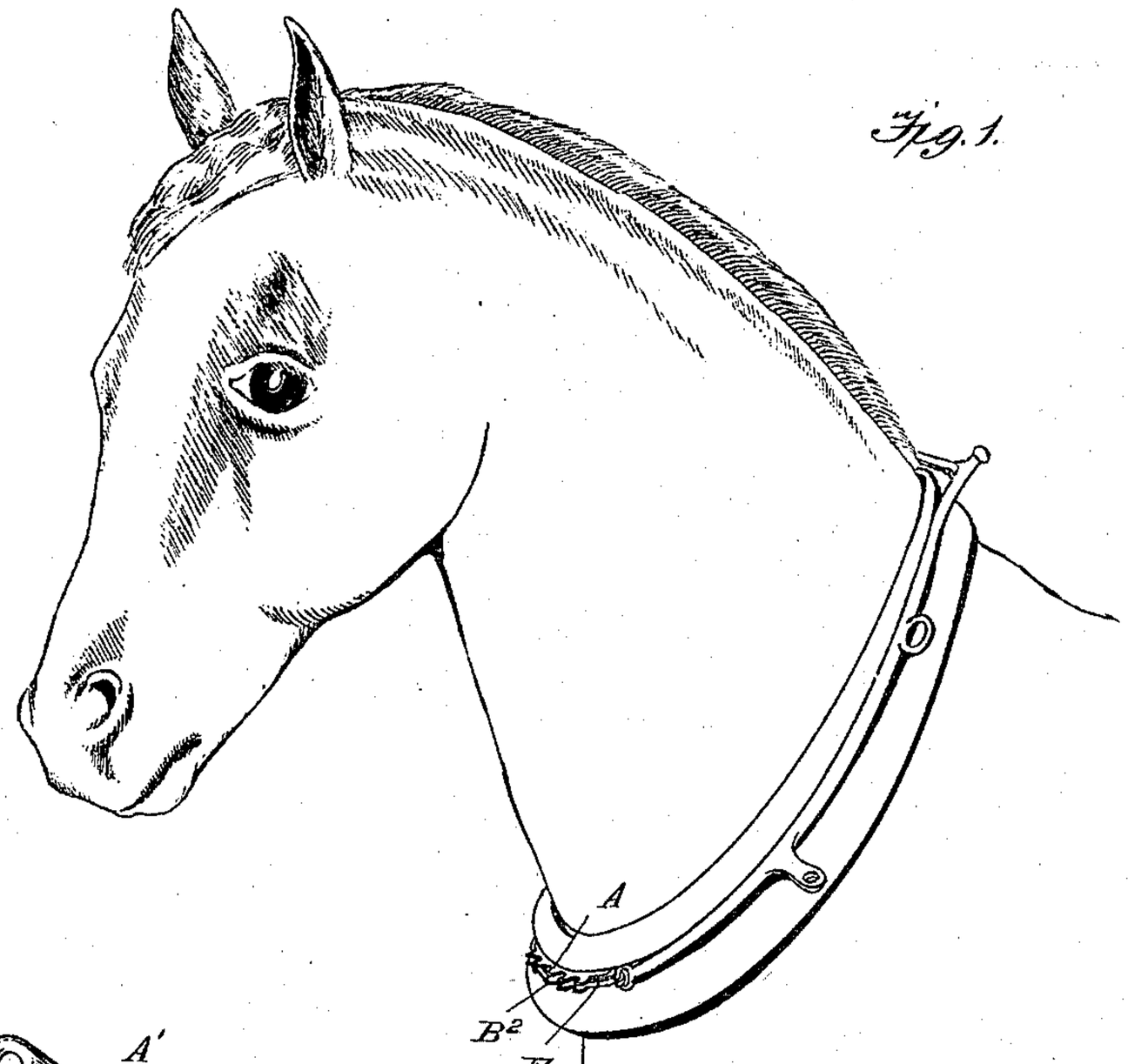

Fig. 2.

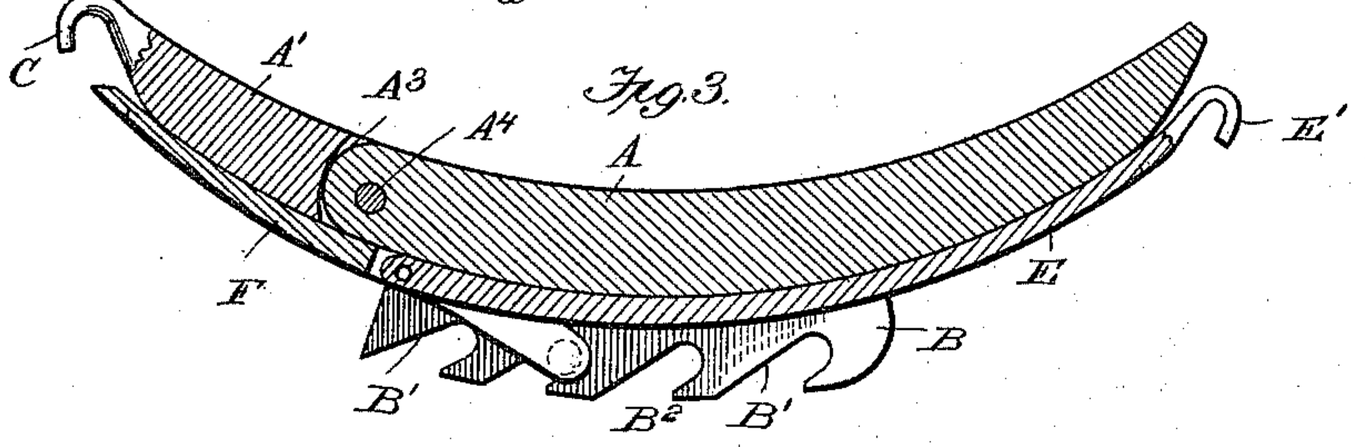

Fig. 3.

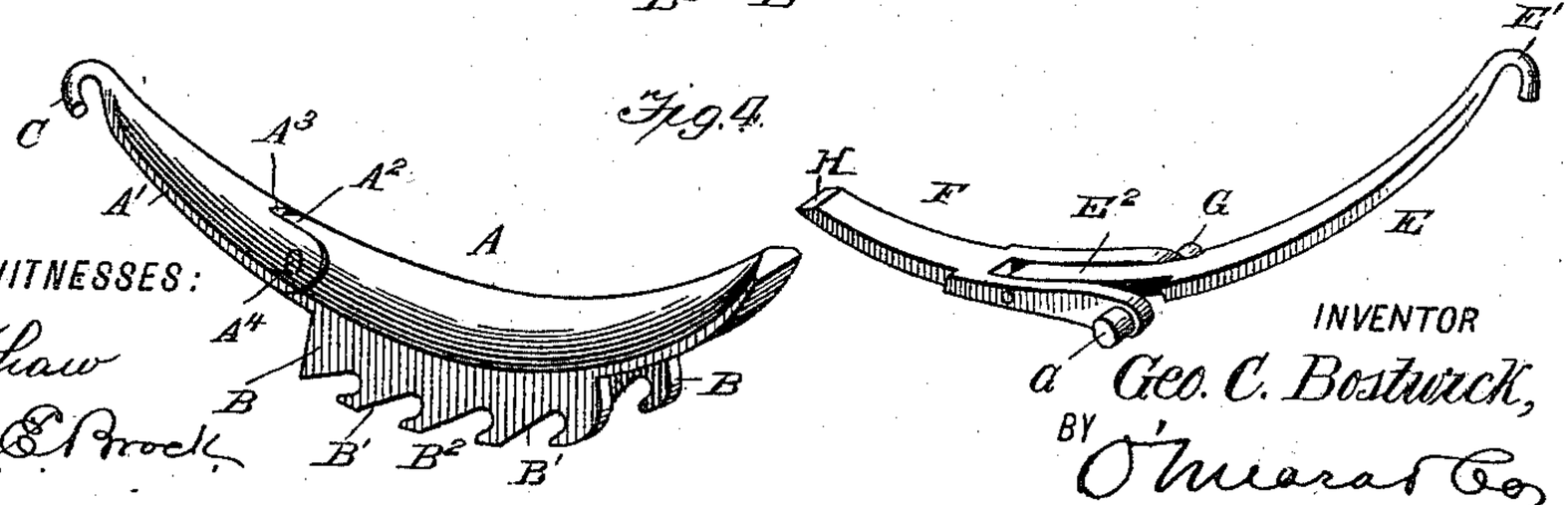

Fig. 4.

WITNESSES:

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GEORGE C. BOSTWICK, OF KANSAS CITY, KANSAS, ASSIGNOR OF ONE-HALF TO SAMUEL M. HALL, OF SAME PLACE.

HAME-FASTENER.

SPECIFICATION forming part of Letters Patent No. 573,131, dated December 15, 1896.

Application filed July 15, 1896. Serial No. 599,316. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. BOSTWICK, residing at Kansas City, in the county of Wyandotte and State of Kansas, have invented a new and Improved Hame-Fastener, of which the following is a specification.

This invention is an improved hame-fastener for connecting the lower ends of the hame after being placed upon the collar. Heretofore the lower ends of a hame have been connected by means of a buckle and staple, and sometimes a chain has been employed; but in order to loosen or tighten the fastener and unfasten the ends a great deal of time and labor has been expended. Furthermore, when the ends have been connected by means of a strap this strap soon becomes stiff and unmanageable. Fastening devices of various kinds have also been employed; but most of these are complicated in construction and are not adapted to fit the various sizes of horse-collars, and, furthermore, are not quickly and easily fastened, unfastened, or adjusted.

The object of my invention is to provide a hame-fastener which will avoid all of these objections and also provide a hame which will fit or adjust itself to the various sizes of collars and one which can be quickly and easily manipulated to fasten or unfasten the hame and can be adjusted to tighten or loosen same from the collar.

With these various objects in view my invention consists in the peculiar construction of the various parts and in their novel combination or arrangement, all of which will be fully described hereinafter and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a view showing the invention in use. Fig. 2 is a view showing the fastener detached from the hame. Fig. 3 is a longitudinal section of the fastener, the parts being connected. Fig. 4 is a view showing the parts detached.

In carrying out my invention I employ a main part or body A, which is curved to fit the bottom of the collar and is provided with a hinge-section A′, the end of the body having a tongue A^2, which fits a groove A^3 in the hinge-section, said parts being pivotally connected by the pin A^4. In cross-section the body portion and its extension are triangular, in order to fit the groove in the bottom of the collar. The lower face of the body portion and its extension is flat, and depending from the main or body portion at the front and rear edges are the flanges B, notched at B′ to provide the adjusting-teeth B^2.

The outer end of the extension A′ has a hook C, which is adapted to engage the eye upon the lower end of the hame. The eye of the opposite hame is hooked to a link E, having a hook E′ at its outer end, the inner end E^2 being reduced and pivotally connected to the bifurcated lever F, between the members of the same, the outer ends of the members having a laterally-projecting edge G, which is adapted to engage the notches or adjusting-teeth, and by throwing the lever up or down the link is thrown down or up, thereby tightening or loosening the hame upon the collar.

By referring to the drawings it will be seen that the link, together with the operating-lever, rests entirely upon the bottom of the body portion of the fastener and between the notched flanges, and that in order to fasten or loosen the fastener it is only necessary to throw the lever up or down.

By constructing the main or body portion with a hinge extension it is clear that the fastener will adapt itself to any size or shape of horse-collar, inasmuch as both the body and the hinge extension are curved substantially after the shape of a horse-collar, and it will also be noticed that the link and operating-lever are curved to rest snugly against the bottom of the main or body portion. Furthermore, the outer end of the lever is beveled, as shown at H, in order that the finger may be inserted therebeneath to throw the lever downward whenever it is desired to fasten the hames.

It will thus be seen that I provide an exceedingly cheap, strong, and durable form of hame-fastener, one which can be quickly and easily manipulated, and one which will not get out of order or become impaired, and one which will adapt or adjust itself to various sizes or shapes of collars.

Having thus described my invention, what

I claim, and desire to secure by Letters Patent, is—

1. In a hame-fastener, the combination with the main or body portion having a hinge extension carrying a hook at its outer end, of a link having a hook at its outer end, the inner end of said link being reduced, the bifurcated lever in which the link is pivoted, the members of said lever having laterally-projecting studs and toothed or notched flanges carried by the main or body portion and which the studs engage and between which the lever and link operate substantially as shown and described.

2. An improved hame-fastener comprising a main or body portion having a hinge extension carrying a hook at one end, a connecting-link having a hook at its outer end, the bifurcated lever to which the link is attached, the members of said lever having laterally-projecting studs, and the toothed or notched flanges carried by the main or body portion and which the lateral studs are adapted to engage substantially as shown and described.

3. In a hame-fastener the combination with the main or body portion, having a tongue, of an extension having a groove in which the tongue fits and the pivot connecting said body and extension and passing through the tongue, the hook at the outer end of said extension, the link having a hook at its outer end and a lever to which the inner end of said link is attached, said lever being connected to the main or body portion substantially as shown and described.

4. In a hame-fastener, the combination with the main or body portion constructed substantially as shown and described, of the hinge extension having a hook at its outer end, the connecting-link having a hook at its outer end, said link being reduced at its inner end, the bifurcated lever having a beveled outer end, the reduced end of the link being pivoted between the members of the lever, said members having laterally-projecting studs at either end adapted to engage the toothed or notched flanges of the main or body portion all arranged substantially as shown and described.

GEORGE C. BOSTWICK.

Witnesses:
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