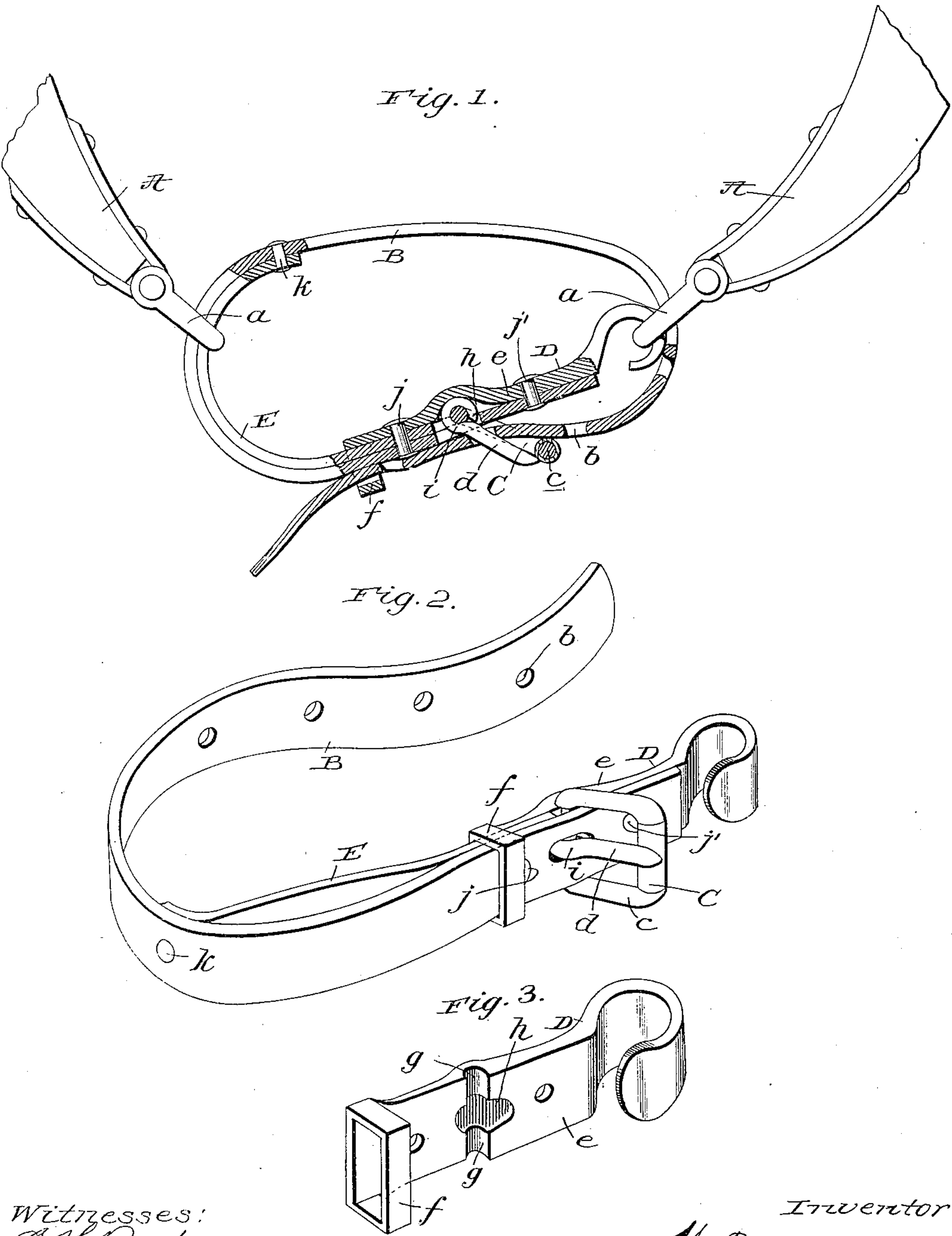


W. F. AMEND.
HAME STRAP.

(Application filed June 16, 1900.)

(No Model.)



Witnesses:
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HAME-STRAP.

SPECIFICATION forming part of Letters Patent No. 658,609, dated September 25, 1900.

Application filed June 16, 1900. Serial No. 20,581. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. AMEND, a citizen of the United States, residing at Dayton, in the county of Montgomery and State of Ohio, have invented new and useful Improvements in Hame-Fasteners, of which the following is a specification.

My invention relates to improvements in hame-fasteners; and it consists in a certain novel construction, the utility and advantages of which will be fully understood from the following description and claims when taken in conjunction with the annexed drawings, in which—

Figure 1 is a view, partly in elevation and partly in section, illustrating my improved fastener as connecting the loops at the lower ends of a pair of hames. Fig. 2 is a perspective view of the fastener removed. Fig. 3 is a perspective view of a metallic hook forming part of my improved fastener.

Referring by letter to the said drawings, A A are hames provided at their lower ends with the usual metallic loops *a*, and B, C, and D are the main leather strap, the metallic buckle, and the hook, respectively, of my improved fastener. The strap B is provided at intervals in its length with apertures *b*, and the buckle C is made up of the usual body *c* and the tongue *d*, pivotally connected to the inner transverse bar of the body, as shown. The metallic hook D has a flat integral shank *e*, (best shown in Fig. 3,) which is peculiar in that it is provided at its end with a rectangular keeper-loop *f*, disposed at right angles to its main portion, and also in that it is provided at an intermediate point of its length with a transverse depression *g* and a longitudinal depression *h*. The depression *g* has for its purpose to receive the inner transverse bar of the buckle-body, while the depression *h*, which intersects depression *g*, is designed to receive and permit of free movement of the loop or eye *i* of the buckle-tongue.

After the buckle is arranged in the manner described with reference to the shank *e* of hook D the strap B, which is provided with an aperture to receive the tongue of the buckle, is passed through the body of the buckle and connected to the shank of the hook by rivets *j j'*, disposed at opposite sides of the buckle, as shown. This manner of

connecting the strap and the shank of the hook renders my improved fastener far superior to those in which the main strap is passed through the eye in the hook-shank and looped back on itself, for it will be seen that in my construction the necessity of looping the strap is obviated, which results in a material saving of leather, and the connection between the hook-shank and the strap is such that the latter is not subjected to frictional wear. It will also be observed that by virtue of the inner bar of the buckle-body and the eye *i* of the buckle-tongue being held by the strap in the depressions *g h*, respectively, of the hook-shank *e* said buckle body and tongue are enabled to freely swing, and yet strain imposed on the buckle is not transferred to the strap, which is an important advantage.

E is a reinforcing-piece of leather which is arranged at the inner side of the main strap B and has one of its ends connected to said strap by a rivet *k* and its other end interposed between the main strap and the hook-shank and connected thereto by the rivet *j*. The reinforcing-piece may be simply a scrap of leather, and it is designed to rest between the main strap and one of the hame-loops *a*, as shown in Fig. 1, and thereby prevent frictional wear of said main strap.

In applying my improved fastener the hook D is placed in engagement with the loop *a* of one hame and the strap B is passed through the loops *a* of both hames, as shown in Fig. 1, after which the apertured portion of the strap is connected to the buckle and passed through the keeper-loop *f*, when the fastening of the hames is complete.

When desirable, it is obvious that the hook D may be closed upon or fastened to the loop *a*, which it engages, to prevent casual disconnection of said hook in practice.

It will be appreciated from the foregoing that while my improved fastening is very strong and durable, it is a simplification of, and hence cheaper than, the fasteners extant.

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

1. In a hame-fastener, the combination of a hook having a flat shank, a buckle disposed at one side of the shank of the hook and com-

prising a body and a tongue pivotally connected to the inner transverse bar of the body, the main leather strap B having one end passed through the body of the buckle and receiving the tongue thereof and directly connected to the flat shank of the hook at a point between the buckle and the hook, the reinforcing-strap E of leather arranged at the inner side of the strap B and having one of its ends connected to said strap B and the shank of the hook at a point between the buckle and rear end of the hook-shank, and a rivet *j* connecting the straps B and E and the hook-shank, substantially as specified.

2. In a hame-fastener, the combination of a hook having a flat shank provided in one side with a transverse depression *g* and a longitudinal depression *h* intersecting depression *g*, a buckle comprising a body having its inner transverse bar seated in the depression *g* of the hook-shank, and a tongue having an eye receiving the inner transverse bar of the body and seated in the depression *h* of the hook-shank, and a leather strap having one end passed through the body of the buckle and receiving the tongue thereof, and connected to the shank of the hook at opposite sides of the buckle, substantially as specified.

3. In a hame-fastener, the combination of

a hook formed of one piece of metal, and having a flat shank provided at one end with a keeper-loop and in one side with a transverse depression *g* and a longitudinal depression *h* intersecting depression *g*, a buckle comprising a body having its inner transverse bar seated in the depression *g* of the hook-shank, and a tongue having an eye receiving the inner transverse bar of the body and seated in the depression *h* of the hook-shank, a main leather strap having one end passed through the keeper-loop, and the body of the buckle and receiving the tongue thereof, and connected to the shank of the hook at one side of the buckle, and a reinforcing-strap of leather arranged at the inner side of the main strap and having one of its ends connected to said main strap and its other end passed through the keeper-loop and interposed between and connected to the main strap and the shank of the hook, substantially as specified.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

WILLIAM F. AMEND.

Witnesses:

LEO EMANUEL,
H. O. COX.