

(No Model.)

R. B. ASHLEY.

HARNESS OR TRACE BUCKLE.

No. 361,253.

Patented Apr. 19, 1887.

Fig. 1.

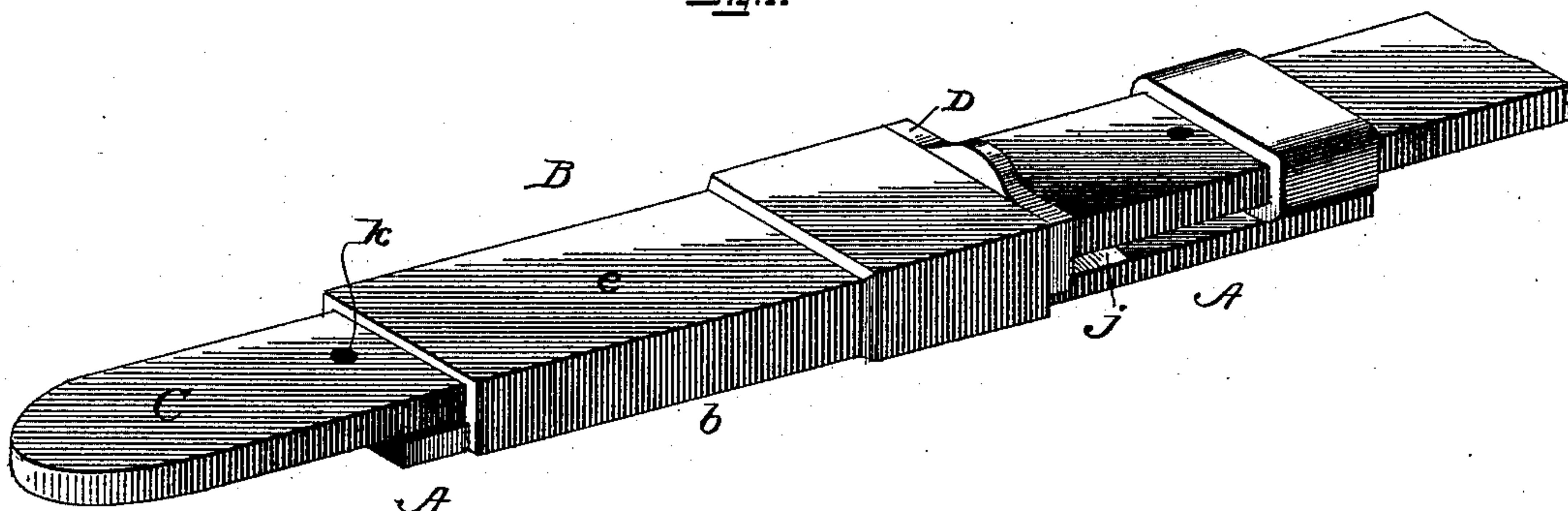


Fig. 2.

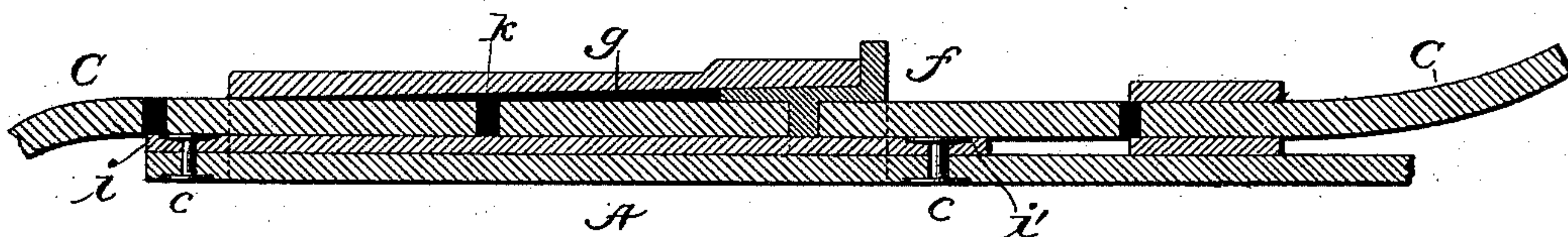


Fig. 3.

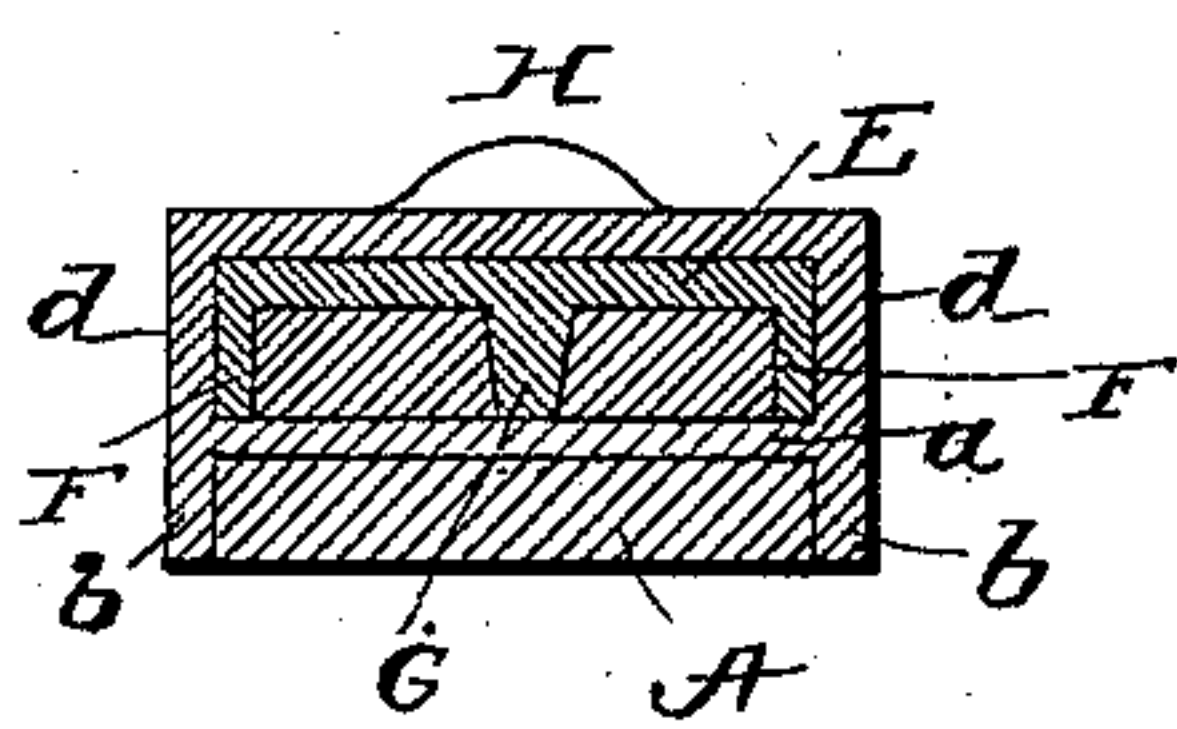
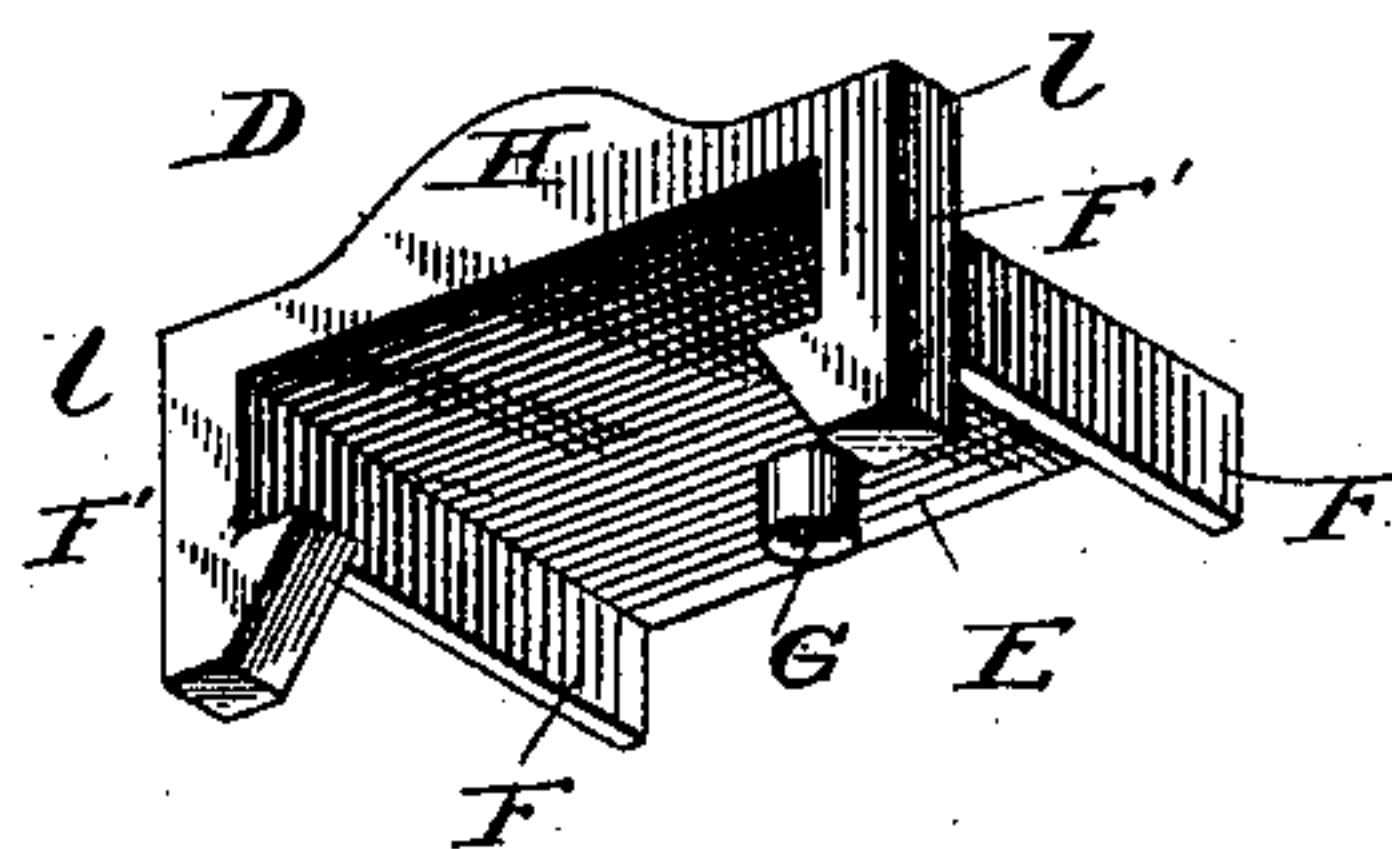


Fig. 4.



WITNESSES

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HARNESS OR TRACE BUCKLE.

SPECIFICATION forming part of Letters Patent No. 361,253, dated April 19, 1887.

Application filed December 1, 1886. Serial No. 220,385. (No model.)

To all whom it may concern:

Be it known that I, RICHARD BUFFIN ASHLEY, a subject of the Queen of Great Britain, residing at Walkerton, in the Province of Ontario and Dominion of Canada, have invented certain new and useful Improvements in Harness or Trace Buckles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to harness or trace buckles; and the object of the invention is to provide an improved construction of buckle, whereby the traces and straps may be readily and quickly lengthened or shortened.

A further object of the invention is to provide a trace or harness buckle which shall be simple in its construction, cheap to manufacture, strong and durable, and one that will be thoroughly effective in its operation.

With the above and other objects in view the invention consists in the features of construction and combinations of parts hereinafter fully described, and pointed out in the claims.

In the drawings, Figure 1 is a perspective view illustrating the application of my invention. Fig. 2 is a longitudinal vertical section. Fig. 3 is a transverse vertical section, and Fig. 4 is a detail perspective view.

Corresponding parts in the several figures are denoted by the same letters of reference.

Referring to the drawings, A represents a strap, to which is secured one of the portions B of the buckle. This portion B consists of a flat metallic plate, *a*, having downwardly-extending flanges *b*, which receive between them the strap A, and thus prevent lateral movement of said strap, the strap being also firmly secured in place by means of rivets *c*, passing through said strap and the plate *a*. Extending upwardly from the plate *a* are side flanges *d*, which are connected at their upper ends by a top plate, *e*. The side flanges and said top plate are enlarged at one end, as shown at *f*, so that the passage *g* is of greater diameter at said end of the portion B than at any other part thereof, for a purpose which will be more fully explained. The plate *a* is, as shown, extended at each end, forming the

ears or projections *i i'*, one of which, *i'*, has the beveled edges *j*, as shown.

C represents a trace or strap, having a series of small openings, *k*, as usual.

D represents the portion of the buckle which is designed to be adjustably connected with the trace or strap. The portion D consists of a flat metallic plate, E, having the downwardly-extending side flanges F, which, at the end F' of the plate E, are bent inwardly toward each other, so that when said portion is fitted on the strap it cannot become accidentally detached therefrom. The said plate E is provided on its under side with a downwardly-extending pin, G, which is adapted to engage any one of the series of openings in the trace or strap.

The portion D is provided at one end with an upwardly-extending projection, H, and also with laterally-extending wings or shoulders *l*.

The operation is as follows: The end of the trace or strap passes through the passage *g*, and the portion D fits within the enlarged end of said passage. The projection H and wings or shoulders *l* bear against the top plate and sides of the portion B, respectively, and thereby prevent the trace or strap from being pulled through the passage *g*.

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

1. In a trace or strap buckle, the combination, with the main section comprising a top and bottom plate connected by side flanges, of the herein-described adjustable section consisting of a plate, E, received within the end of the main section and provided with downwardly-extending side flanges F, and with a projection centrally located between said flanges and adapted to engage the strap, the said adjustable section being formed at its end with lateral wings or projections *l* H, adapted to bear against the end of the main section, substantially as set forth.

2. In a trace or strap buckle, the combination of the main section, comprising top and bottom plates, *e a*, connected by side flanges *d*, from which project downwardly-extending flanges *b*, and the adjustable section comprising a plate provided with a projection, G,

adapted to engage the strap, and with side flanges F, and lateral wings or projections at one end, substantially as set forth.

3. In a trace or strap buckle, the combination of a main section comprising a top and bottom plate, *e a*, connected by side flanges, from which project downwardly-extending flanges *b*, a strap secured to the main section between said flanges *b*, and an adjustable section comprising a plate adapted to be received

within one end of the main section and carrying the adjustable end of the strap, said section having lateral wings or projections at its end, substantially as set forth.

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

RICHARD BUFFIN ASHLEY.

Witnesses:

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WILLIAM A. McLEAN.