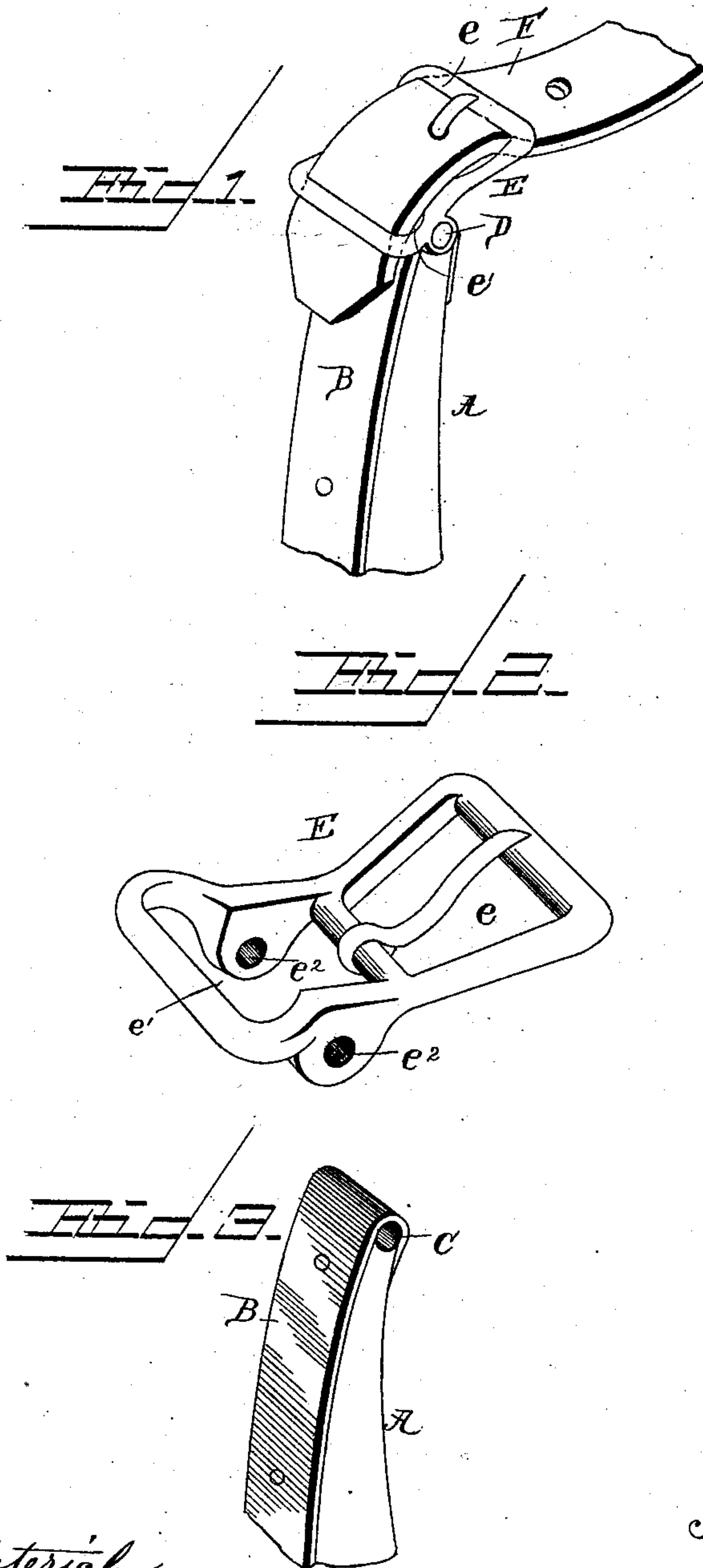


(No Model.)

J. LIPPS.
HAME ATTACHMENT.

No. 389,520.

Patented Sept. 11, 1888.



Witnesses
Henry G. Dieterich
R. J. Marshall Jr.

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By his Attorneys

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UNITED STATES PATENT OFFICE.

JOHN LIPPS, OF ROCKFORD, IOWA, ASSIGNOR OF ONE-HALF TO T. S. ROBERTS, OF SAME PLACE.

HAME ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 389,520, dated September 11, 1888.

Application filed April 9, 1888. Serial No. 270,019. (No model.)

To all whom it may concern:

Be it known that I, JOHN LIPPS, a citizen of the United States, residing at Rockford, in the county of Floyd and State of Iowa, have
5 invented a new and useful Improvement in Combination Hame, Loop, and Buckle for Harness, of which the following is a specification.

The invention relates to hame-fasteners.

10 The object of the present invention is to simplify their construction and enable the hames to be fastened in less time than has heretofore been possible. Furthermore, the object of the invention is to produce a hame-
15 fastener that will allow the hames to be secured together by a strap which is without buckles, and that will permit the position of the strap to be changed to prevent all the wear being at the same place; and, finally, the object is
20 to produce a device that is cheap in its construction and capable of being attached to any of the forms of hames in common use.

The invention consists in the novel combination and arrangement of the parts herein-
25 after fully described, illustrated in the accompanying drawings, and pointed out in the claim hereto appended.

In the accompanying drawings, forming part of this specification, and in which like letters
30 of reference designate corresponding parts, Figure 1 is a perspective view of an end of a hame provided with a combined buckle and loop, and illustrating the strap and the manner of buckling it to fasten the ends of the
35 hames together. Fig. 2 is a detail perspective view of the combined buckle and loop. Fig. 3 is a detail view of an end of a hame.

Referring to the accompanying drawings, A designates a hame, of any desired construction,
40 provided on its end with the hame-iron B. The hame-iron B is secured to the hame in the ordinary manner, and extends out beyond the end of the hame and forms an opening, C, adapted for the reception of a screw or pivot,
45 D, that secures a combined loop and buckle, E, to the end of the hame A.

The combined loop and buckle E, consisting of the loop e' and the buckle e , is connected to the end of the hame A by the pivot or screw
50 D, which passes through eyes e^2 , formed in en-

larged portions of the sides of the combined loop and buckle and through an opening, C, constructed by the hame-iron B passing around the end of the hame A. Instead of pivotally connecting the combined loop and buckle E to
55 the hame-iron B in the manner above described, the combined loop and buckle may be constructed integral with the hame-iron.

A combined loop and buckle, E, constructed as above described, is provided at each end of
60 the hames; and in order to fasten the ends of the hames together a strap, F, constructed of a straight piece without any buckle, is employed. One end of the strap F is fastened to the buckle e at an end of the hame and passed
65 through the loop e' , and then the other end of the strap F is secured to the buckle e at the corresponding end of the other hame, and then slipped into the loop. The other ends of the
70 hames are fastened together in a similar manner. By this construction the loop e' is contiguous to the buckle e , and may always be employed to secure the free end of the strap, and the position of the strap F may be changed
75 and the wear be prevented, being at the same place, and the strap be made to last longer, thereby reducing the cost of the fastenings, and the hames can be made to fit the collar perfectly and so closely that it is impossible
80 to displace them when backing with a load.

From the foregoing description and the accompanying drawings the construction, operation, and advantages of the present invention will readily be understood; and it is obvious that great time is saved in buckling the hames,
85 that as they may always be fastened together at one end it is only necessary to secure the strap in the combined buckle and loop at the other ends of the hames, that the device is exceedingly cheap and uncomplicated in its construction, and that it may be attached to any
90 of the forms of hames in common use.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—
95

In combination with a hame and the back iron thereon, the loop and buckle E, forming a hame-fastener, as described, consisting of the buckle having the usual tongue, the ears or enlarged portions on one side of the tongue
100

and having perforations e^2 therein, the loop e'
at the end of the buckle opposite the tongue,
and the pivot or screw D, passing through the
perforations e^2 and entering the end of a hame,
5 whereby the combined buckle and loop is piv-
otally attached to the end of a hame, as set
forth.

In testimony that I claim the foregoing as my
own I have hereto affixed my signature in pres-
ence of two witnesses.

JOHN LIPPS.

Witnesses:

F. C. JOHNSON,
G. F. WHITNEY.