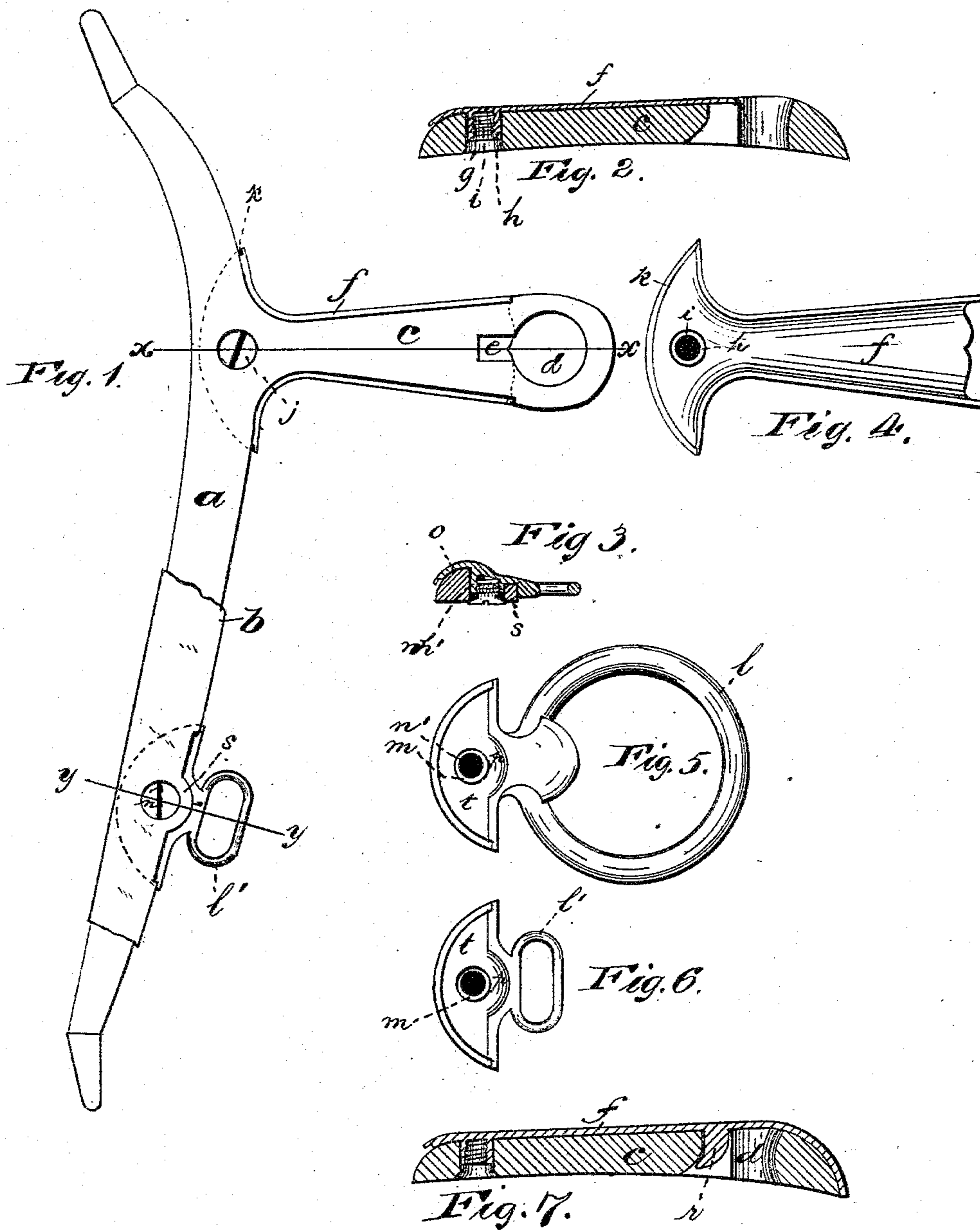


(No Model.)

J. S. MITCHELL.  
HAME.

No. 287,954.

Patented Nov. 6, 1883.



Attest:  
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by Charles H. Peck, atty.

# UNITED STATES PATENT OFFICE.

JOHN S. MITCHELL, OF NEWARK, NEW JERSEY.

## HAME.

SPECIFICATION forming part of Letters Patent No. 287,954, dated November 6, 1883.

Application filed May 1, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN S. MITCHELL, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Hames; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it ap-  
10 pertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to improve  
15 the construction of a hame by making certain parts removable and interchangeable, whereby said hame may be finished with greater facility and at a reduced cost, the dealer therein will not be required to carry as large a stock  
20 to provide the various styles of mountings, and whereby the neatness of finish of the hame will be improved.

The invention consists in the arrangements and combinations of parts substantially as  
25 will be hereinafter set forth, and finally embodied in the claims.

Referring to the accompanying drawings, in which similar letters of reference indicate like parts in each of the several figures, Figure 1  
30 is a plan of the back or inner side of a hame, showing my improvements thereon. Figs. 2 and 3 are sections of the same, taken through lines *x* and *y*, respectively. Fig. 4 is a plan of a draft-eye, cap, or covering, showing the  
35 inner side thereof. Figs. 5 and 6 illustrate a terret and loop for the hame, and Fig. 7 illustrates a modification.

In carrying out my invention I form the hame *a*, which may be covered with leather  
40 *b*, and on said hame I form the draft-eye *c*, having an eye, *d*, to receive the clip, of which eye *e* is an extension, whereby the clip may be more readily inserted. Upon said draft-eye is secured a removable covering, *f*, which may  
45 be formed of metal or other suitably substantial material, and be constructed to entirely cover the outer surface of the draft-eye, as shown in Fig. 7, and be provided with a holding device, *r*, which, being inserted in the re-  
50 cess *e*, holds the outer extremity (or that extremity farther from the hame) in place. Said covering may terminate short of a complete

covering, as in Figs. 1 and 2, in which case the holding device for the extremity is formed by bringing the exposed surface of the draft-  
55 eye flush with the outer surface of the covering, undercutting said draft-eye, and beveling the edge of the covering to engage with the overhanging metal.

Where the draft-eye connects with the hame, 60 a perforation, *g*, is formed, which receives a projection, *h*, Figs. 2 and 4, having a screw-hole, *i*, therein, wherein a screw, *j*, is arranged, which holds the hame end of the covering *f* into engagement with the hame, but allows a  
65 ready removal of the same.

When it is intended to cover the hame with leather, I form a marginal recess, *k*, to receive and hold in place the edge of said leather.

When the covering *f* falls short of a com-  
70 plete cover for the draft-eye, as in Figs. 1 and 2, said covering may be made to overlie the extension *e* of the eye, in which case the outline is rounded in appearance, greatly improving the neatness of the same, as also forming a lock, preventing the disconnection of the  
75 hame and trace-clip.

On the lower portion of the hame is arranged a removable terret, *l*, or loop *l'*, said hame being prepared to receive the same by  
80 forming a perforation for the projection *m* and screw *n*, adequate strength in the hame being retained by forcing out the metal, which would otherwise have occupied the space of the perforation, said outwardly-forced metal forming  
85 a raised bridge or projecting brace, *s*. The shank of the terret connects the latter to a peculiarly-shaped plate, *t*, which is made to conform to the hame, said plate being curved, as at *o*, to rest upon the curved face of the hame,  
90 and a recess, *p*, being formed to receive the brace *s*. The projection *m* and screw *n* hold the terret and hame into rigid combination, as will be observed upon reference to Fig. 3.

The terret-plate *t* is or may be also provided  
95 with a recessed margin to receive a leather covering for the hame.

The hame thus constructed allows of a ready change in the style of mounting—as, for example, a change from a gold to a silver plated  
100 mounting—enables the same hame to be employed in a single or double harness, the terret and loop being interchangeable, enables a dealer to furnish immediately a variety of

styles without keeping a large stock of goods on hand, allows the goods to be finished with greater facility and cheapness, and in other ways is a desirable improvement over hames now in the market.

Having thus described my invention, what I claim as new, is—

1. The combination, with the hame and draft-eye, of a separable covering, *f*, substantially as and for the purpose set forth.

2. In combination, the hame having the perforation *g* and draft-eye *c*, and having the separable covering *f*, provided with the projection *h* and screw *j*, said parts being arranged and operating substantially as and for the purposes set forth.

3. In combination, the perforated hame, the draft-eye having the eye *d*, and the covering having the holding device at one end and the projection *h* at the other, adapted to be secured in the perforation *g*, all substantially as and for the purposes herein set forth.

4. In combination, the hame having the projecting brace *s*, and the terret having the recess *p* and projection *m*, and means to hold said parts into engagement.

5. The hame having the brace projecting from the edge thereof, in combination with a recessed terret or loop, substantially as herein set forth and shown.

6. In combination with the hame, a remov-

able or separable terret provided with the plate *t*, having the recess *p* therein, as set forth.

7. In combination with the hame, a draft-eye covering-plate having the recess *k*, to receive the leather hame-covering.

8. As an improved article of manufacture, a hame having perforations therein, and the raised or projecting brace *s*, the separable draft-eye covering provided with a marginal recess to receive the edge of a leather hame-covering, and having the projection *h* and screw *j*, and the separable terret having the projection *m* and recess *p*, all said parts being arranged and operating substantially as and for the purposes herein set forth and shown.

9. The combination of a hame having a perforation therein, a removable terret having the curved plate *t*, adapted to receive a screw and be held thereby securely upon said hame, and said screw passing through the perforated hame and engaging with the terret-plate, all substantially as herein set forth and shown.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of April, 1883.

JOHN S. MITCHELL.

Witnesses:

CHARLES H. PELL,  
F. F. CAMPBELL.