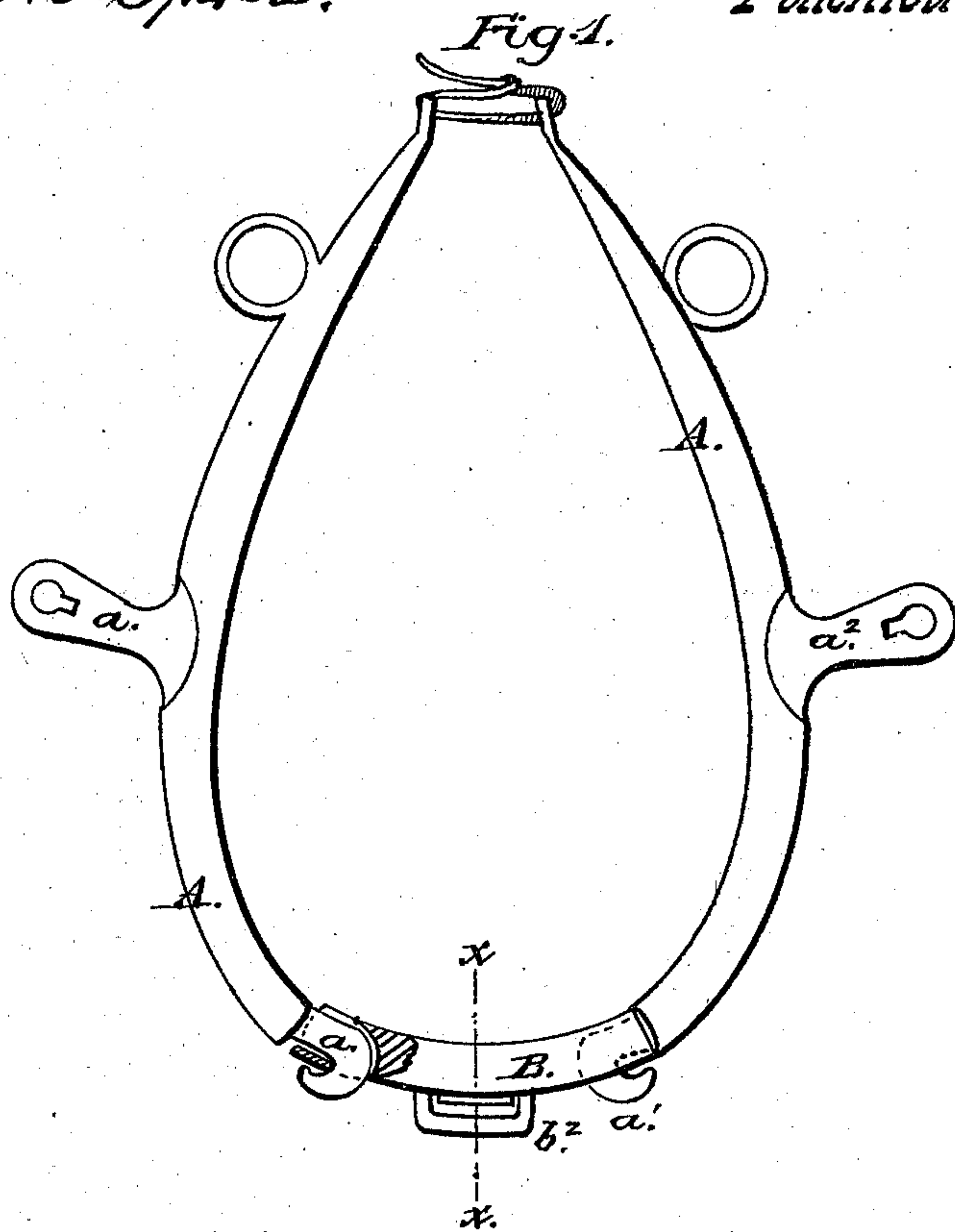


*W. Fawcett,*

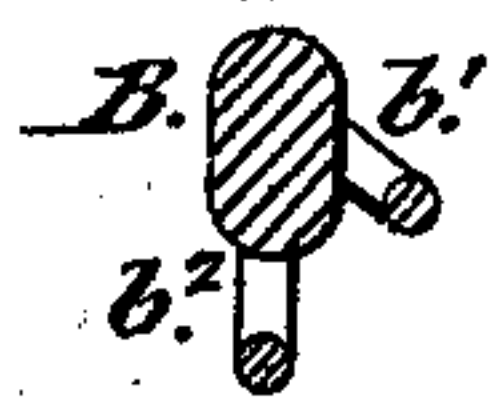
*Home Fastener.*

*No. 87,402.*

*Patented Mar 2, 1869*



*Fig. 2.*



*Witnesses:*  
*A. W. Alquist*  
*Wm. A. Morgan*

*Inventor:*  
*W. Fawcett*  
*per*  
*Wm. A. Morgan*  
*attorney*

# United States Patent Office.

WILLIAM FAWCETT, OF NEW YORK, N. Y., ASSIGNOR TO FAWCETT BROTHERS AND RICHARD CAMPBELL, OF SAME PLACE.

Letters Patent No. 87,402, dated March 2, 1869.

## IMPROVED HAMES-FASTENING.

The Schedule referred to in these Letters Patent and making part of the same.

### To all whom it may concern:

Be it known that I, WILLIAM FAWCETT, of New York, in the county of New York, and State of New York, have invented a new and improved Hames-Fastening; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a front view of a set of hames to which my improved fastening has been attached, part being broken away to show the construction.

Figure 2 is a cross-section of the fastening, taken through the line  $xx$  of fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved hames-fastening, designed more particularly for the hames of light harnesses, and which shall be so constructed as to hold the hames securely against side strain, and at the same time be easily and conveniently detached and attached; and

It consists in the fastening constructed as herein-after more fully described.

A are the hames, which are constructed in the ordinary manner, except that the ordinary strap-loops at the lower ends of said harness, are replaced with strong flat hooks  $a^1$ , as shown in fig. 1.

B is the fastening, which is made curved, to correspond with the curve of the lower parts of the hames

A. In the ends of the fastening B, are formed sockets to receive and fit upon the flat hooks  $a^1$  of the hames A, as shown in fig. 1.

By this construction, however much the tug-ears  $a^2$  may project, and however little they may be supported by the pad of the collar, the side-strain upon the hames A will be resisted, and supported by the fastening B, keeping the said hames always in their proper positions.

To the lower part of the inner side of the middle of the fastening B, is attached, or upon it is formed a loop,  $b^1$ , for the martingale-strap, and upon the lower side of the middle part of the said fastening B, is formed a loop,  $b^2$ , to receive the pole-strap.

Having thus described my invention,

I claim as new, as far as it is now perfected—

1. An improved hames-fastener B, constructed substantially as herein shown and described, that is to say, formed with sockets or openings to receive the flat hooks  $a^1$  of the hames A, whether provided with the loops  $b^1$   $b^2$ , either or both, or not, as and for the purpose set forth.

2. Forming flat hooks  $a^1$  upon the lower ends of the hames A, to adapt them to the fastener B, substantially as herein shown and described.

The above specification of my invention signed by me, this 16th day of January, 1869.

WM. FAWCETT.

Witnesses:

FRANK BLOCKLEY,  
JAMES T. GRAHAM.