

(No Model.)

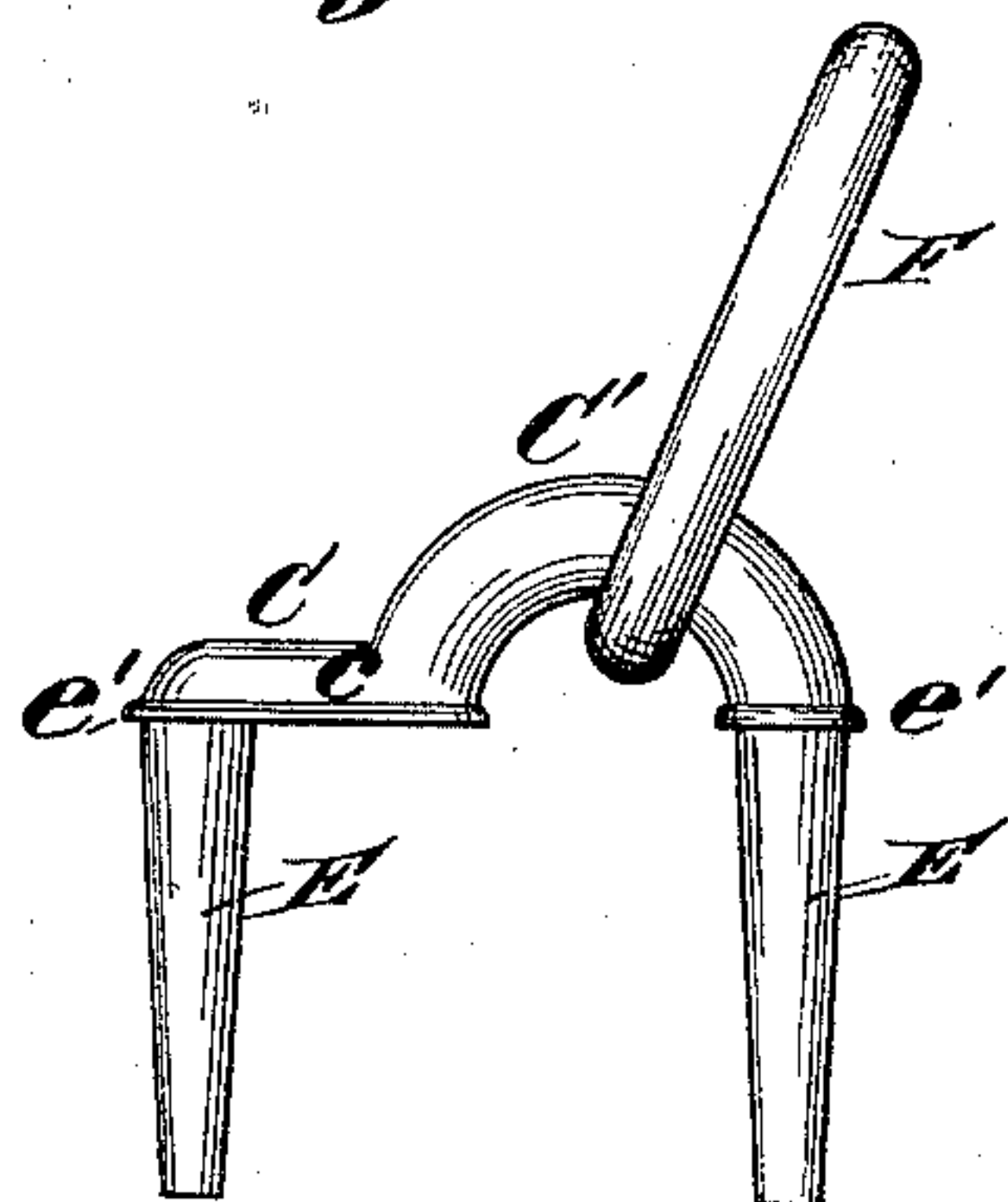
J. A. WILSON.

HAME.

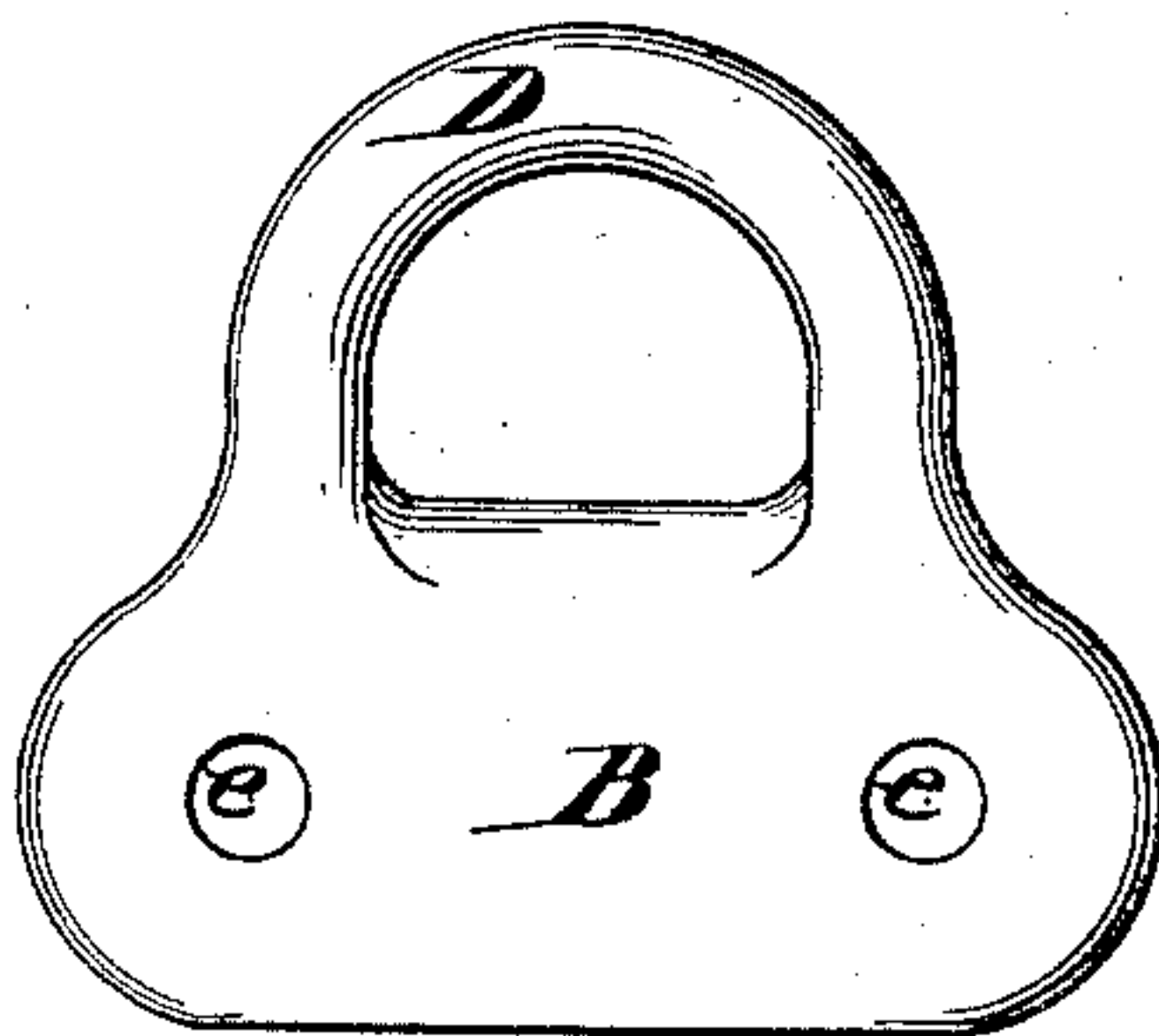
No. 277,818.

Patented May 15, 1883.

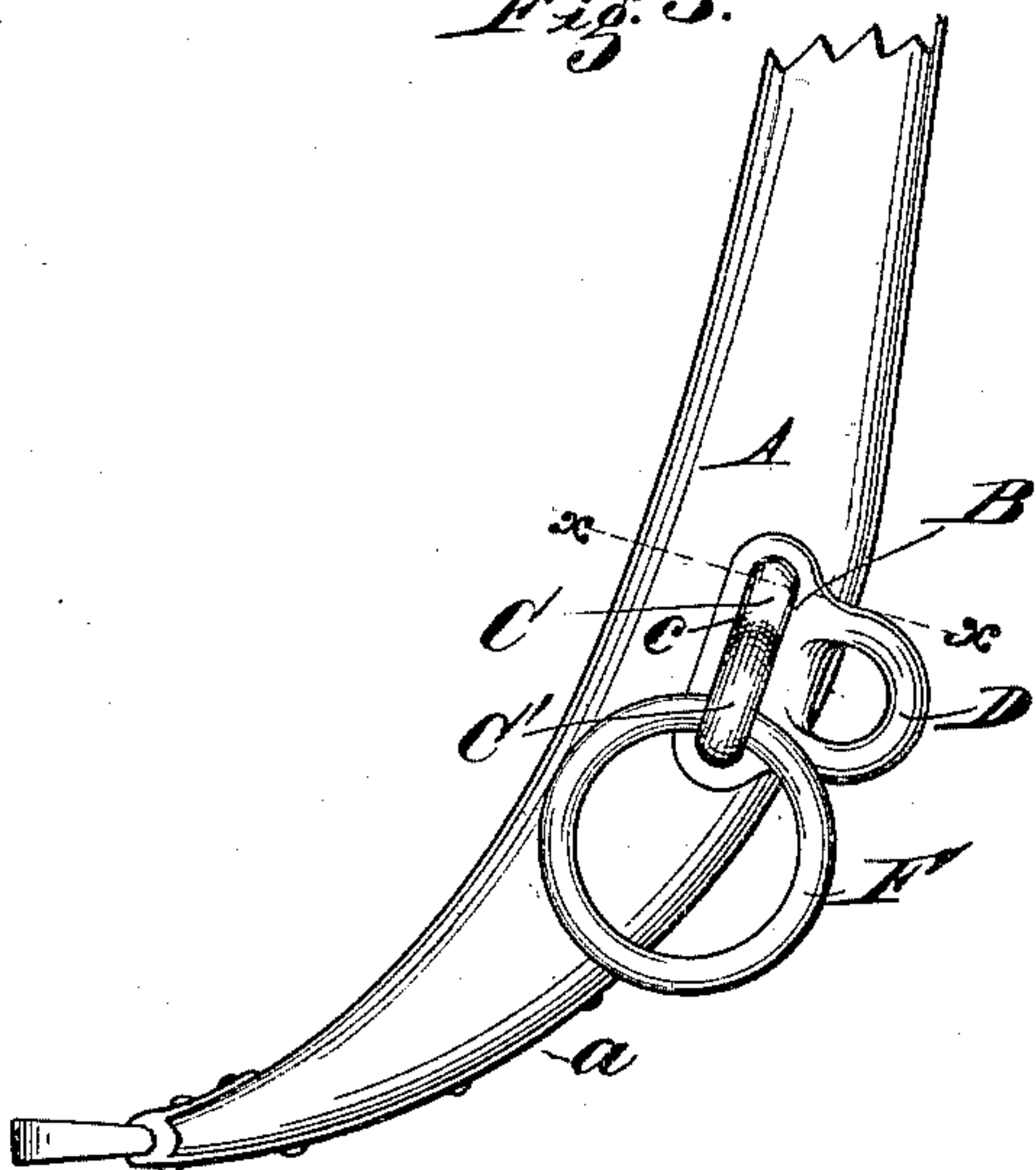
*Fig. 1.*



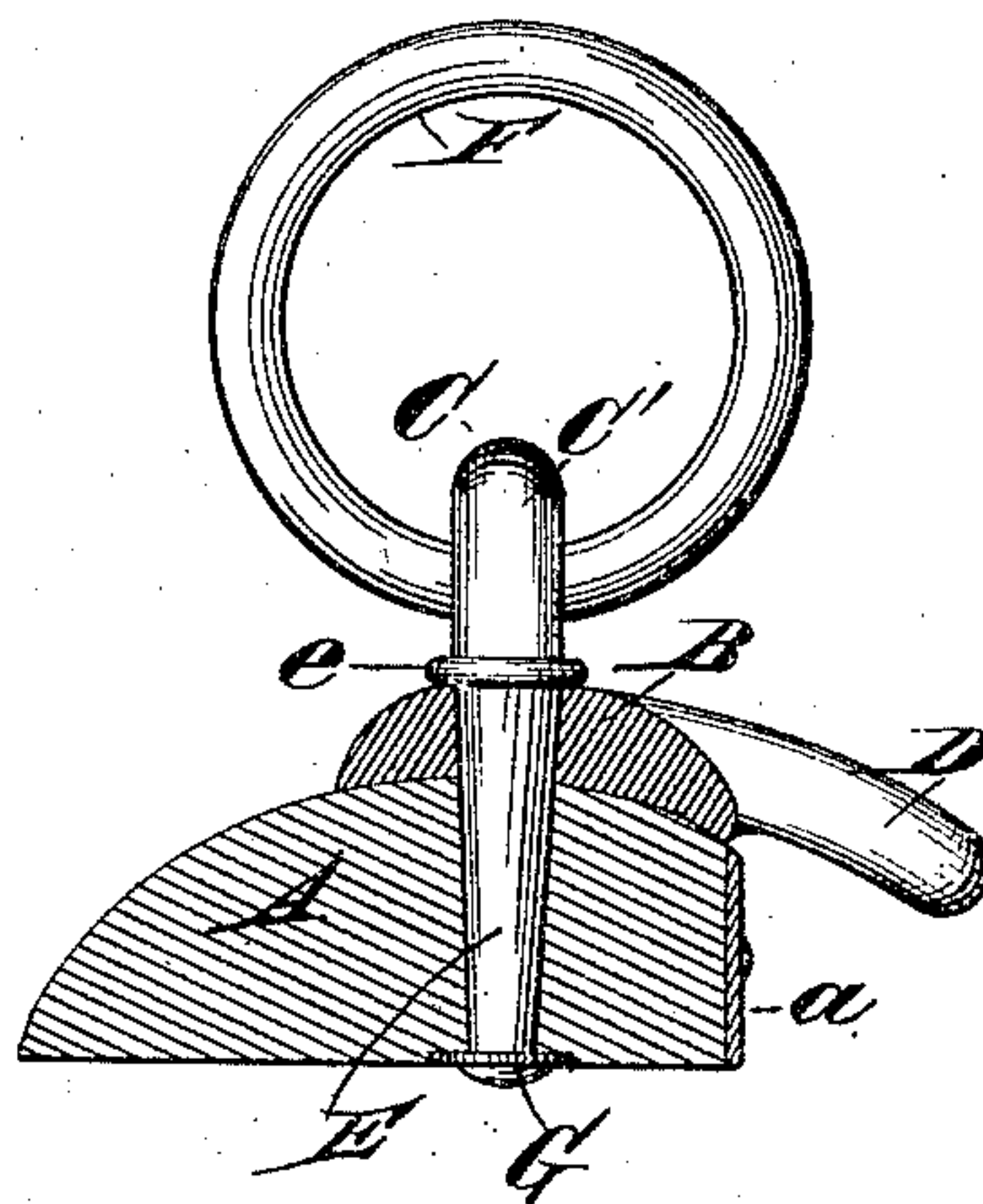
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



Attest,  
Jno. E. Wiles,  
Jno. E. Jones

Inventor,  
John A. Wilson,  
by Wood & Boyd,  
his Attorneys, etc.

# UNITED STATES PATENT OFFICE.

JOHN A. WILSON, OF CINCINNATI, OHIO, ASSIGNOR TO P. WILSON & SONS,  
OF SAME PLACE.

## HAME.

SPECIFICATION forming part of Letters Patent No. 277,818, dated May 15, 1883.

Application filed March 24, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN A. WILSON, a citizen of the United States, and a resident of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Hames, of which the following is a specification.

My invention relates to an improvement in harness-hames.

10 The object of my invention is to provide a draft-eye stay-plate or clip with a staple-fastening, which staple forms a loop for the holdback-ring, and has its prongs or tangs arranged at such a distance apart and passed through  
15 the face of the hame that they may be riveted or upset on the opposite side, sufficient material composing the hame-bar intervening between the said staple-prongs to preserve the necessary strength in the hame.

20 In the accompanying drawings, Figure 1 is an elevation of the fastening-staple and holdback-ring embodied in my invention herein. Fig. 2 is a plan view of the stay-plate or clip, having the draft-eye made integral therewith.  
25 Fig. 3 is an elevation of the lower section of a wooden hame, showing my improvement applied thereto. Fig. 4 is a transverse sectional elevation on line *xx*, Fig. 3.

30 A represents a wooden hame-bar, having at its lower curved end a metal strengthening-strap, *a*, as customary.

B is a stay-plate fitted upon the face of the hame-bar A.

35 D is a draft loop or eye, preferably constructed integral with plate B, and projecting laterally from it, for receiving the end hook or staple of the trace.

40 *e e* are eyes made in plate B, through which pass the prongs E of the staple C, for securing said plate in position upon the face of the hame.

*e'* are shoulders upon prongs E, which rest upon plate B, to limit the depth of entrance of said prongs into the hame.

45 C' represents the loop or eye of the staple C, for receiving the holdback-ring F, which is

placed therein before securing the parts in position.

*c* is an angular extension of the metal forming eye C', having one of the prongs projecting from its outer end, to arrange it at such a distance from the other prong that there will be sufficient material composing the hame between them to obviate any weakening of the hame at that point occasioned by the staple-holes through it.

55 The form of staple-fastening above described provides ready and easy means of attaching the holdback-ring. In other devices it has been customary to construct the eye closed and integral with some other part. This necessitated the use of an open ring to be first inserted in said eye, and the two ends afterward welded together. It is obvious that the passage of the staple-prongs E through the face of the hame and riveted, as shown at G, or otherwise secured upon the opposite side, will not weaken the hame materially, and any torsional strain on the wood composing the hame occasioned by the draft on loop-plate B will not be as likely to break or otherwise injure the hame, as  
60 has been the case heretofore, by passing the prongs or bolts through the edge.

75 I am aware of Patents No. 105,679, of 1870, and No. 194,969, of 1877, and the constructions therein set forth are not sought to be covered in this application.

What I claim as new is—

80 In a hame, substantially as described, the draft-eye stay-plate B D, secured upon the face of the hame by the holdback-ring staple C, having prongs E, extension *c*, and eye C', for receiving the holdback-ring F, all combined and operating jointly, as and for the purpose set forth.

85 In testimony whereof I have hereunto set my hand.

JOHN A. WILSON.

Witnesses:

JNO. E. JONES,

A. GLUCHOWSKY.