

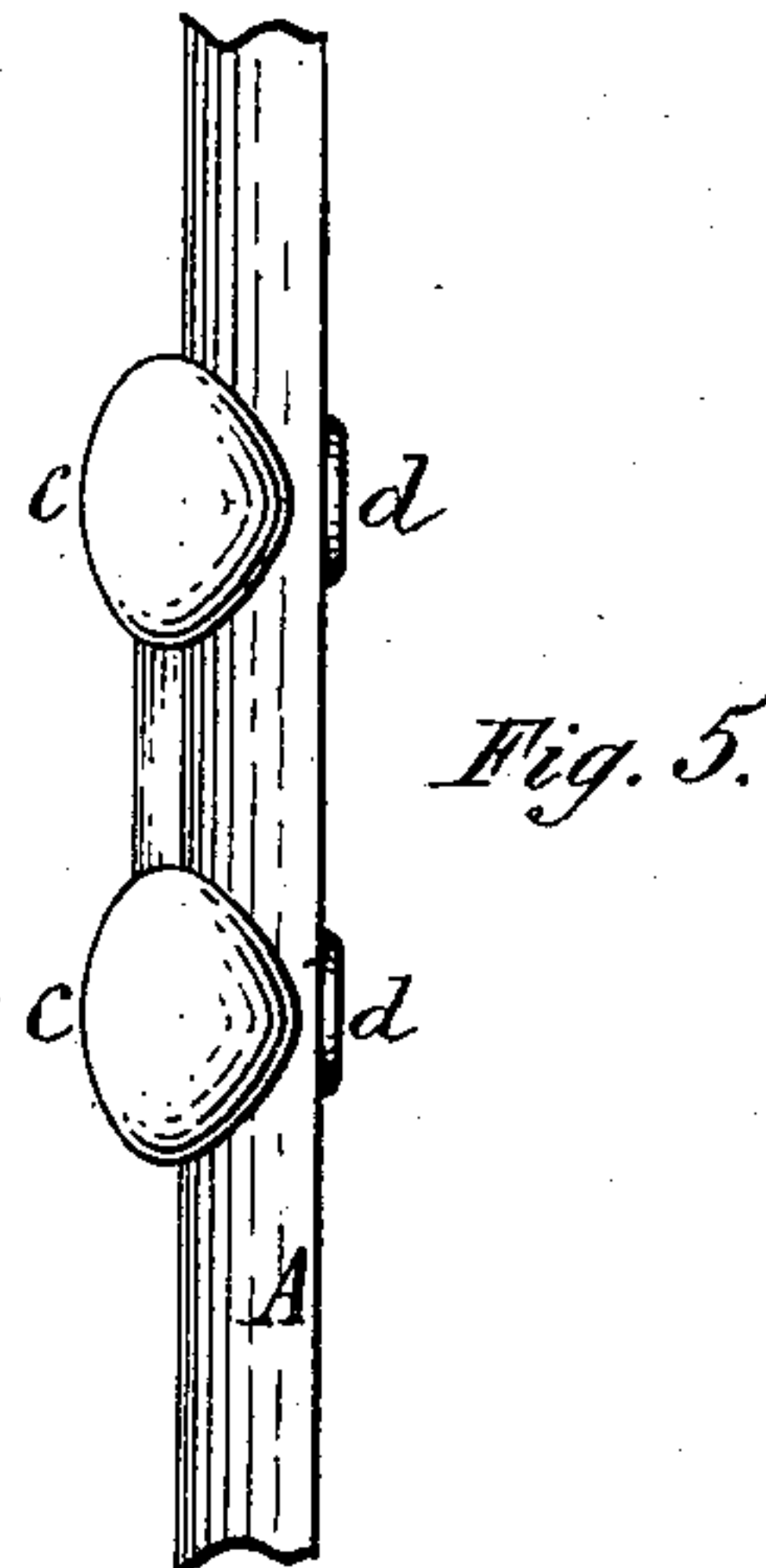
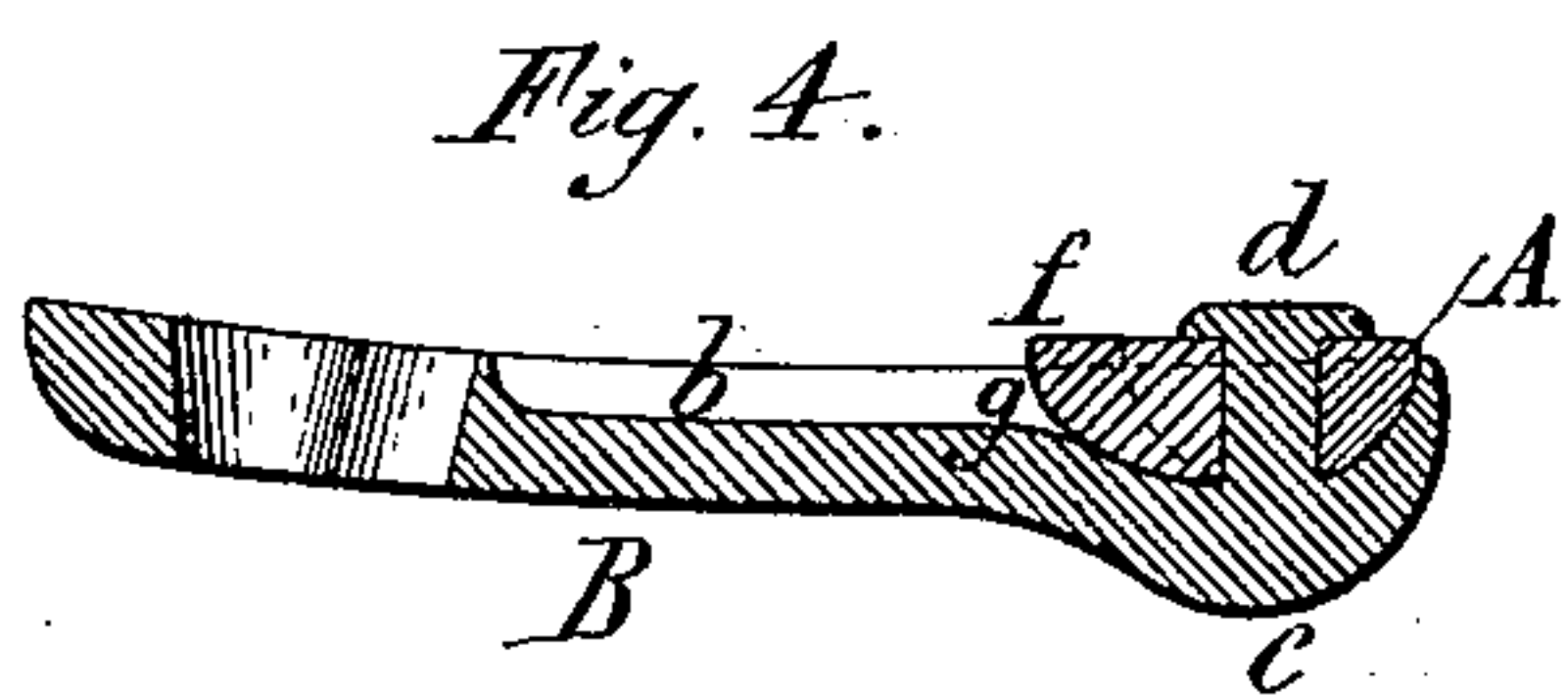
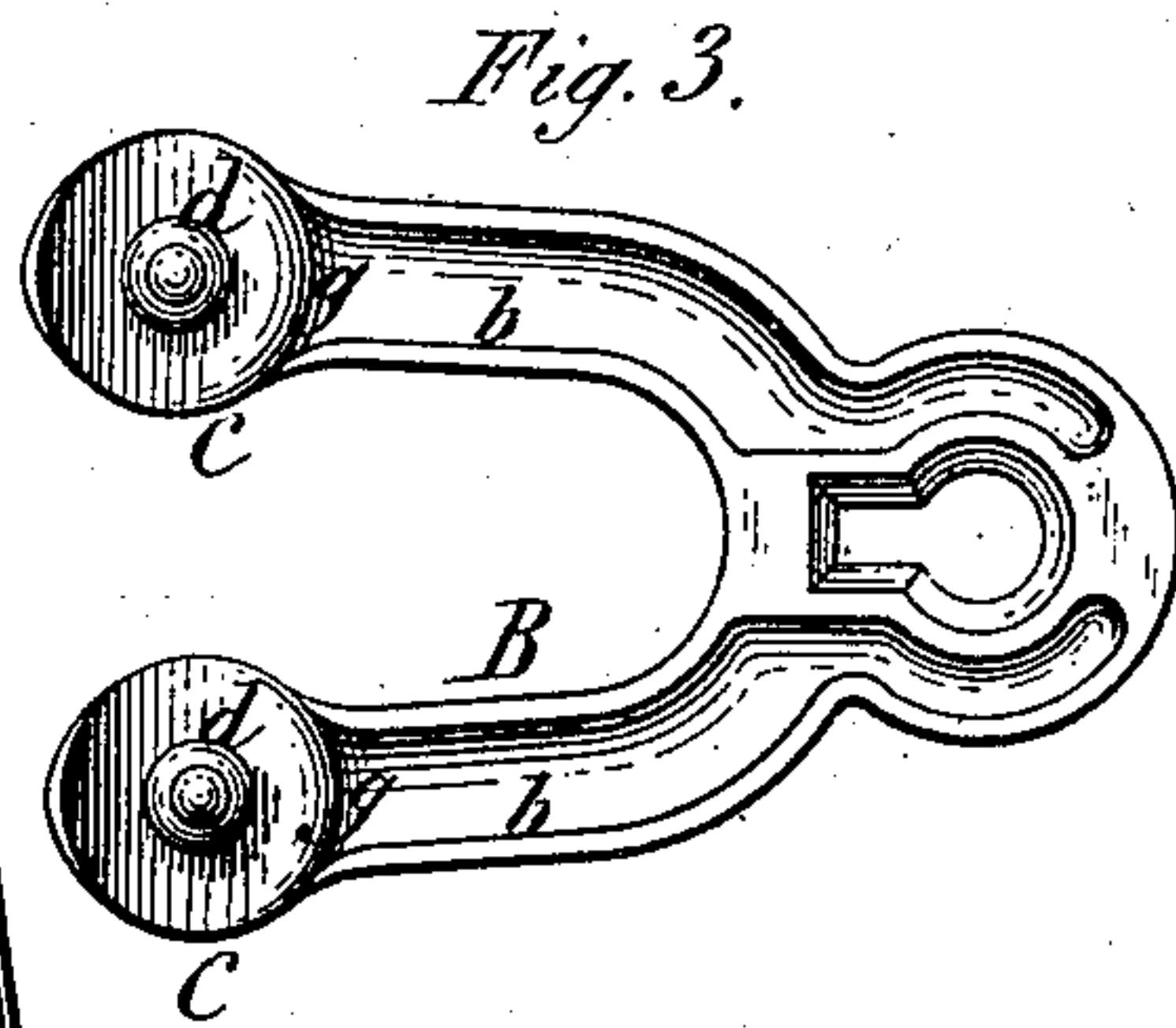
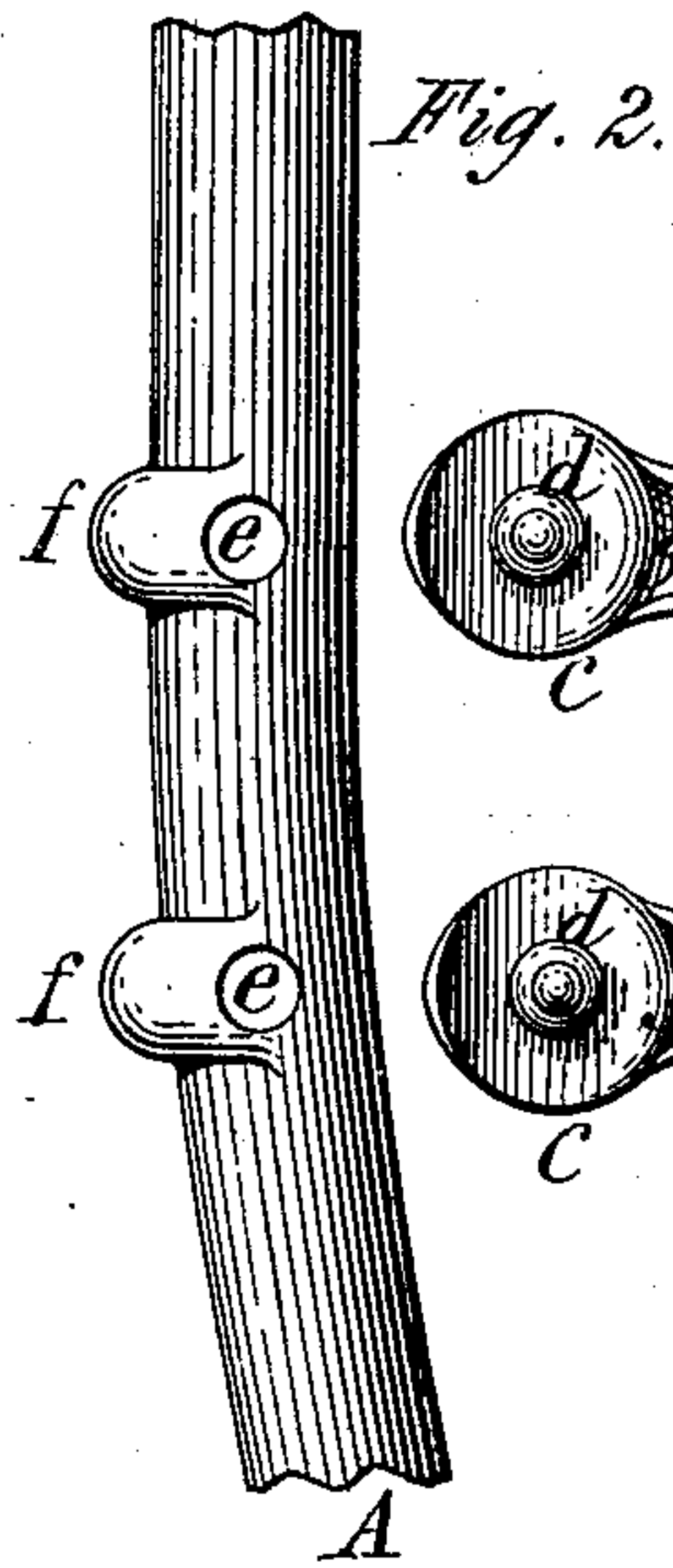
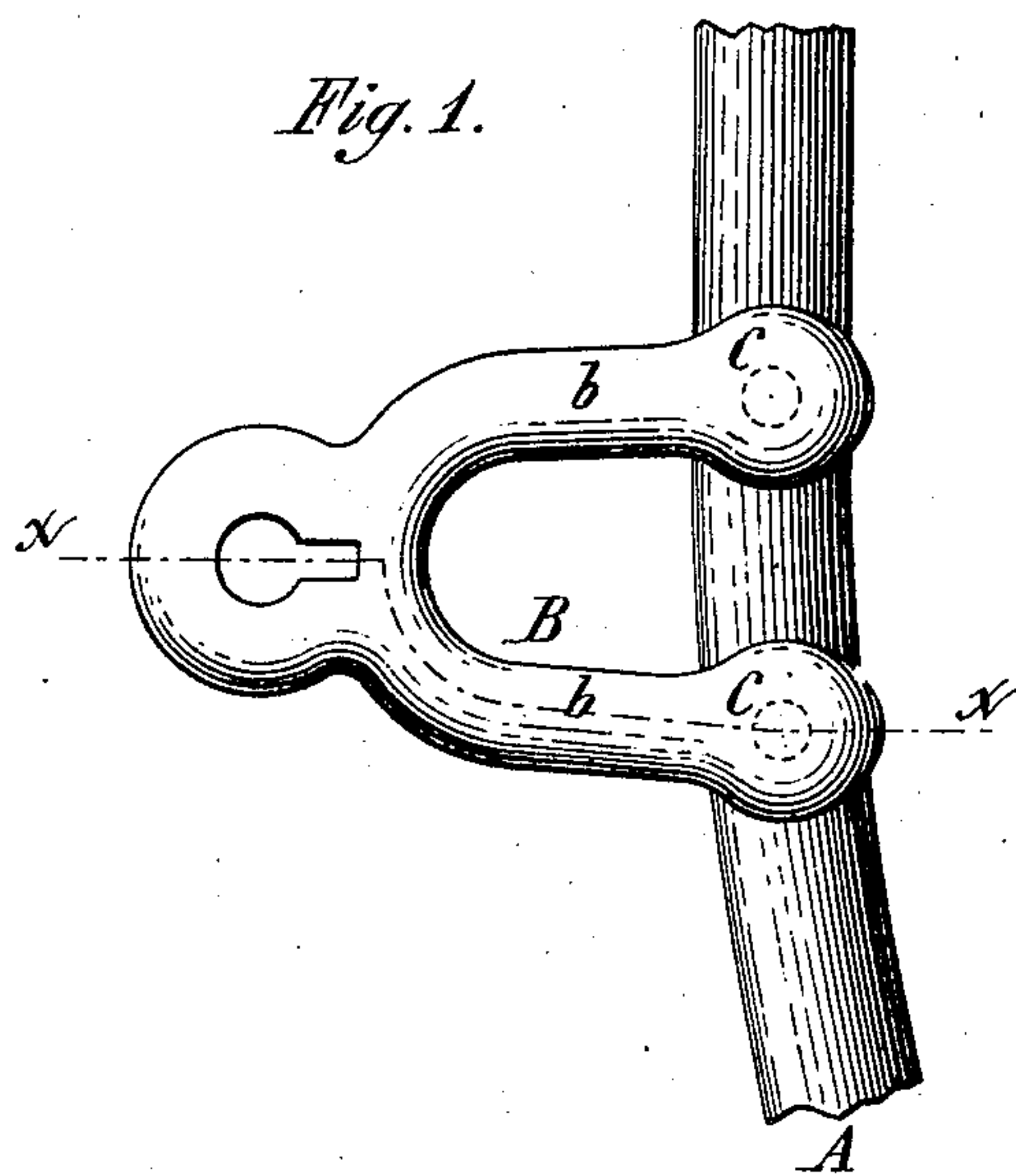
(No Model.)

G. J. LETCHWORTH.

HAME.

No. 321,122.

Patented June 30, 1885.



*Theo. L. Popp*  
*Geo. E. Pitman* } *Witnesses.*

*G. J. Letchworth* *Inventor.*  
*By Wilhelm Bonner.*  
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# UNITED STATES PATENT OFFICE.

GEORGE J. LETCHWORTH, OF BUFFALO, NEW YORK.

## HAME.

SPECIFICATION forming part of Letters Patent No. 321,122, dated June 30, 1885.

Application filed March 24, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE J. LETCHWORTH, of the city of Buffalo, in the county of Erie and State of New York, have invented  
5 new and useful Improvements in Hames, of which the following is a specification.

This invention relates to an improvement in metallic hames, and has particular reference to the connection of the draft eye with  
10 the hame-body.

The invention consists in the peculiar construction of the hame-body and draft-eye, whereby both parts are secured together in a strong and reliable manner, as will be herein-  
15 after fully set forth, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a fragmentary front elevation of a hame provided with my improvement. Fig. 2 is a fragmentary front elevation of the hame-body with the draft-eye detached. Fig. 3 is a rear elevation of the draft-eye. Fig. 4 is a horizontal section in line *xx*, Fig. 1. Fig. 5 is a fragmentary inside elevation of the hame.  
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Like letters of reference refer to like parts in the several figures.

A represents a portion of the body of the hame, constructed of cast, malleable, or wrought iron, or other metal, as may be preferred.

30 B represents the draft-eye, which is made separate from the hame-body, and secured thereto by riveting or otherwise.

*b b* represent the legs of the draft-eye, provided at their inner ends with lugs *c*, which  
35 rest with their concave rear sides against the convex front side of the body A.

*d* represents studs formed on the rear sides of the lugs *c*, and passing through openings *e*, formed in the body A. The draft-eye is se-  
40 cured to the body by heading or riveting the studs *d* on the rear side of the body, as represented in Fig. 4.

*f* represents lugs formed on the outer side of the body A, opposite the openings *e* in the

same, and projecting outwardly into concave 45 bearings or depressions *g* formed on the rear side of the draft-eye. These lugs not only strengthen the body of the hame and compensate for the reduction in strength produced by the openings *e*, but afford large bearings for 50 the legs of the draft-eye and support the same on the outer edge of the body where the draft is applied, thereby forming a strong and secure connection, which is not liable to give way in use.

It is obvious that the draft-eye may be constructed with one or more legs, if desired. 55

The body of the hame and the draft-eye are each finished separately in any desired style, and then secured together, whereby the operation of finishing each part can be carried on 60 conveniently and without affecting the other part of the hame.

I claim as my invention—

1. The combination, with the hame-body A, 65 provided with an opening, *e*, of a draft-eye, B, having its leg *b* provided with a stud, *d*, whereby the draft-eye is secured to the hame-body, substantially as set forth.

2. The combination, with the hame-body A, 70 provided with an opening, *e*, and an enlargement or lug, *f*, opposite said opening *e*, of a draft-eye, B, having its leg resting against the enlargement of the hame, substantially as set forth.

3. The combination, with the hame-body A, 75 provided with an opening, *e*, and a lug, *f*, opposite said opening, of a draft-eye, B, having its leg *b* resting against the lug *f*, and provided with a stud, *d*, which secures the draft- 80 eye to the hame-body, substantially as set forth.

Witness my hand this 20th day of March, 1885.

G. J. LETCHWORTH.

Witnesses:

LYMAN HUBBELL,  
GEORGE V. COOPER.