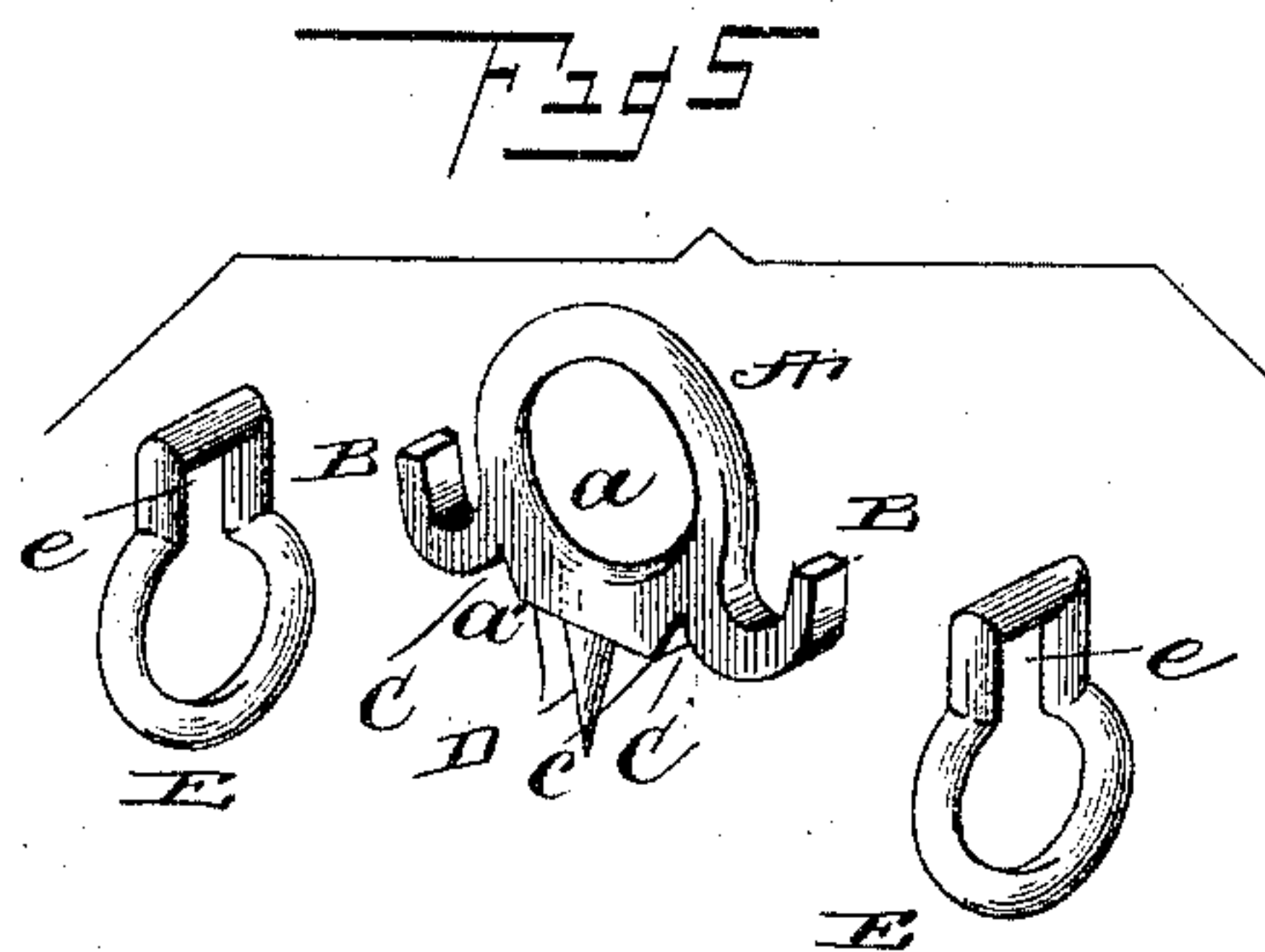
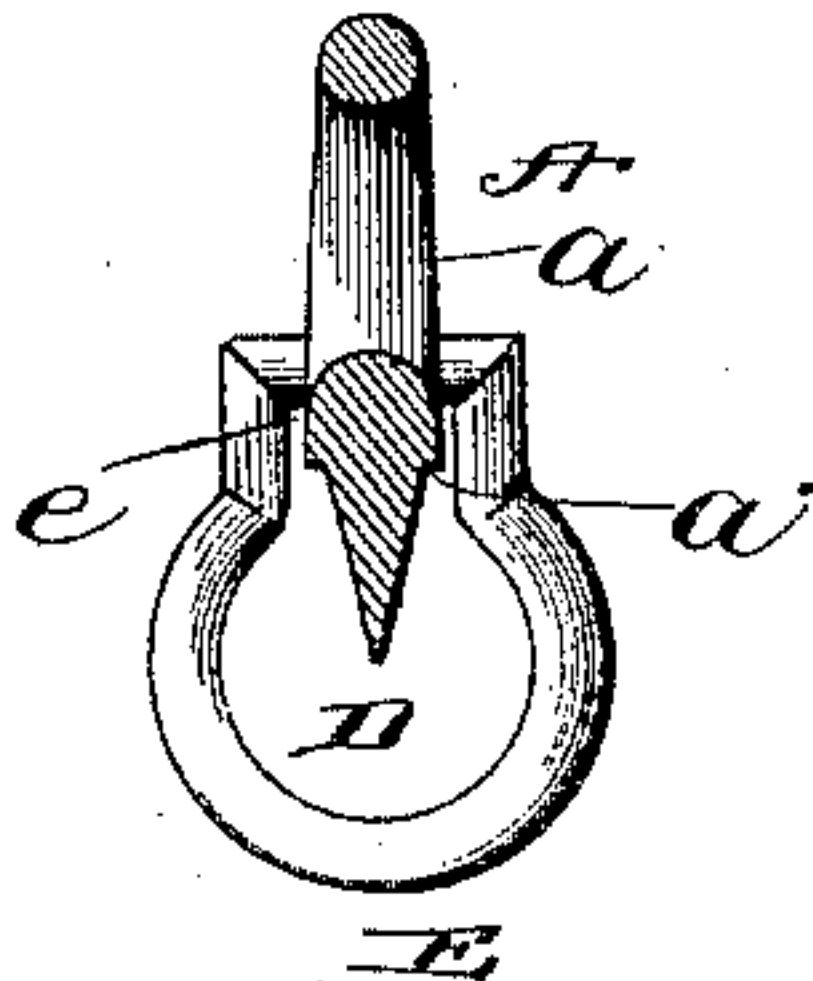
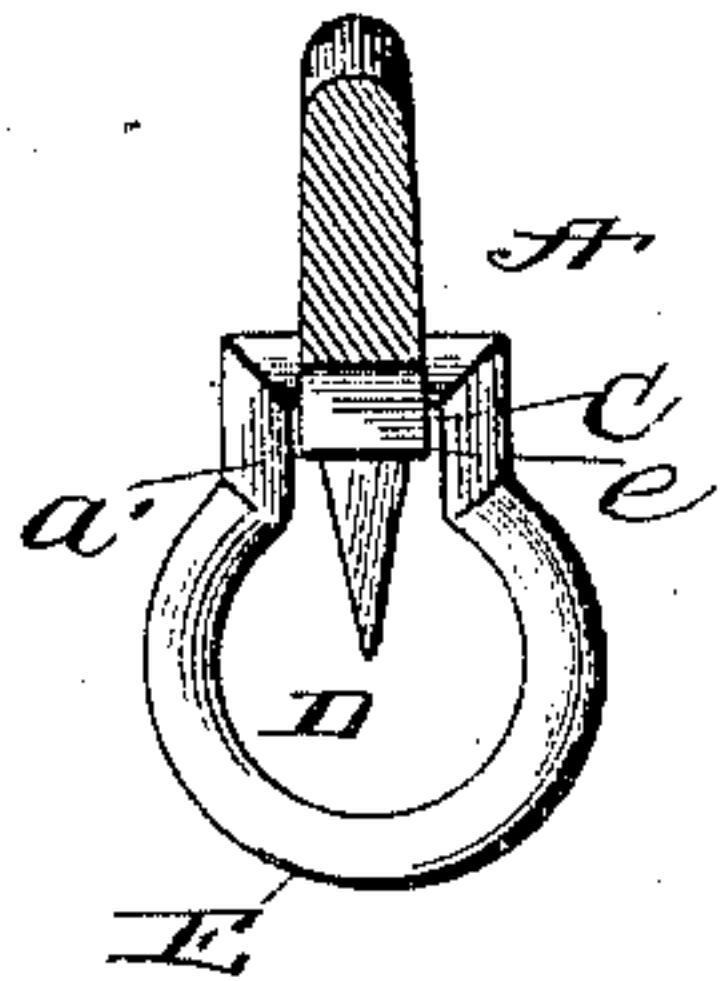
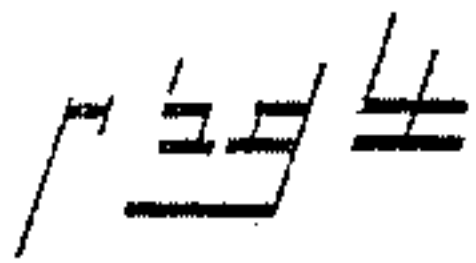
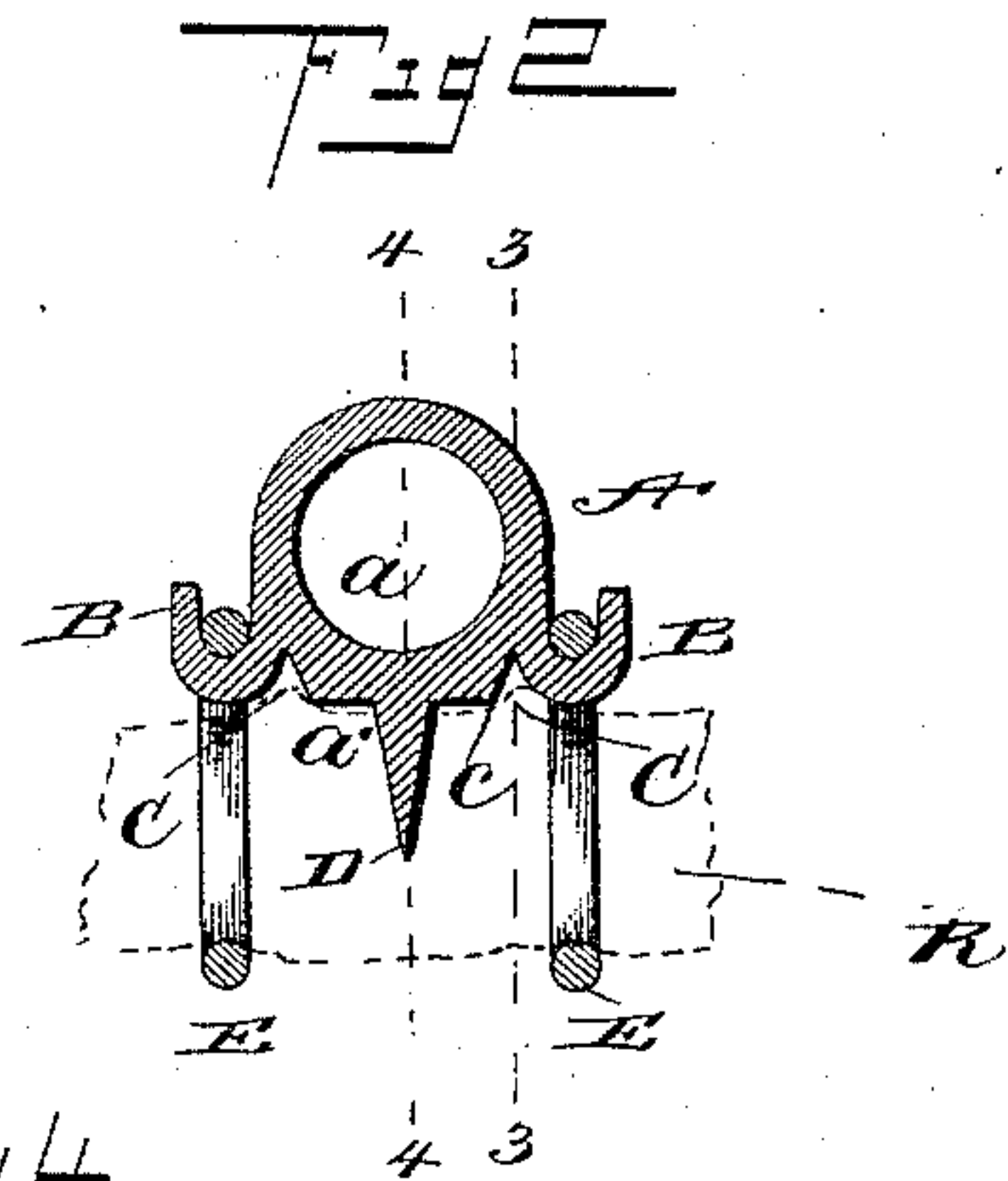
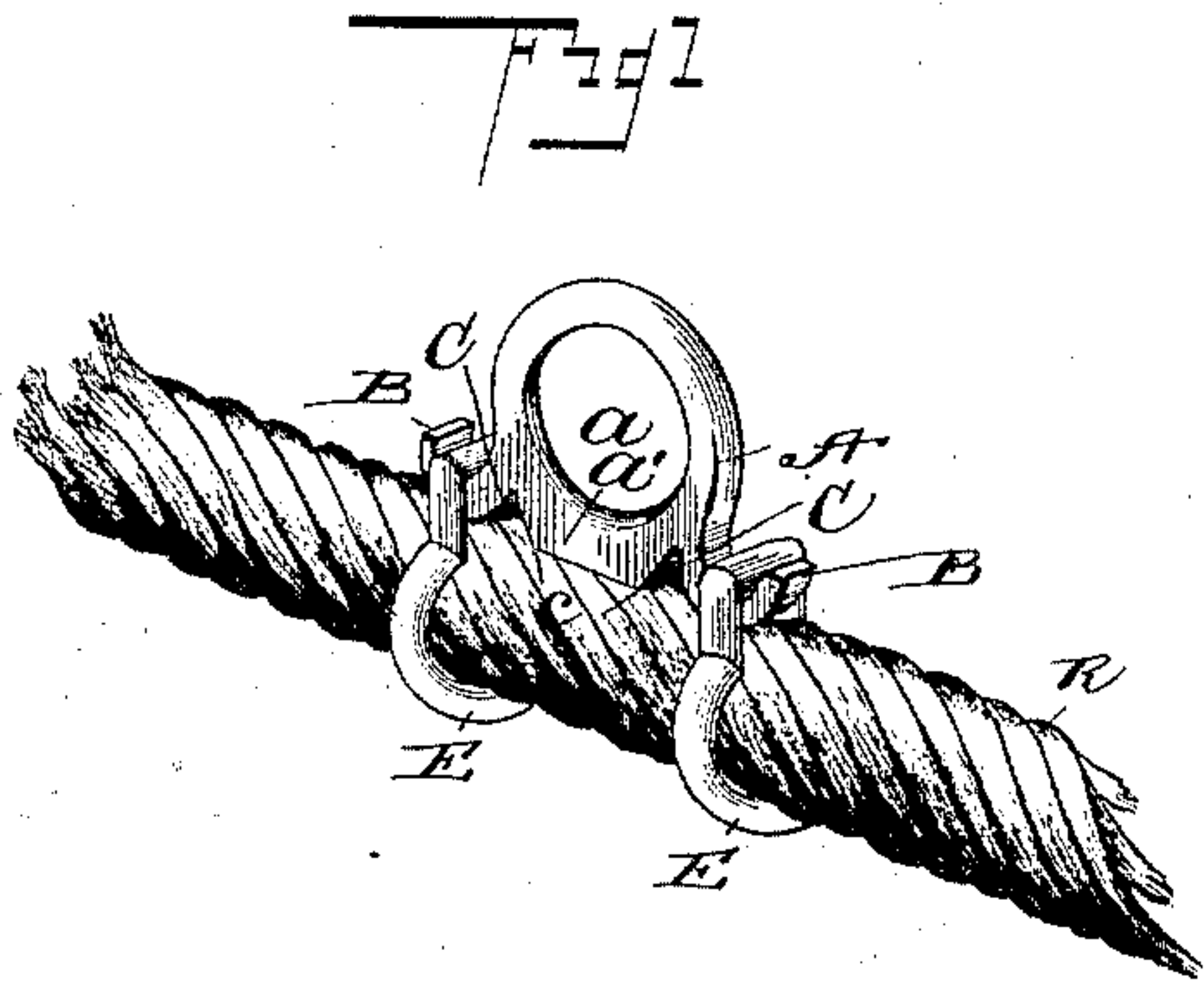


(No Model.)

A. W. PORTER.
ROPE SLIDE.

No. 468,537.

Patented Feb. 9, 1892.



Witnesses

John D. Moore
Abner J. Linn

Inventor

Albert W. Porter
By his Attorney,
J. R. Littell

UNITED STATES PATENT OFFICE.

ALBERT W. PORTER, OF FARMER VILLAGE, NEW YORK, ASSIGNOR TO THE PORTER MANUFACTURING COMPANY, OF SAME PLACE.

ROPE-SLIDE.

SPECIFICATION forming part of Letters Patent No. 468,537, dated February 9, 1892.

Application filed July 11, 1891. Serial No. 399,231. (No model.)

To all whom it may concern:

Be it known that I, ALBERT W. PORTER, residing at Farmer Village, in the county of Seneca and State of New York, have invented certain new and useful Improvements in Rope-Fastening Devices, of which the following is a specification.

This invention relates to an improved fastening device for ropes; and it has special relation to a device of this character designed to be used upon rope-halters, whereby the halter is securely held in adjusted position.

The object of my invention is to provide a device that shall consist of a few simple parts to which the rope can be quickly, easily, and securely attached.

With these objects in view my invention consists in the peculiar construction of the several parts and their novel combination or arrangement, all of which will be more fully described hereinafter, and pointed out in the claims.

In the drawings forming a part of this specification, Figure 1 is a perspective view of my improved device as applied. Fig. 2 is a vertical longitudinal section. Fig. 3 is a section on line 3 3 of Fig. 2, and Fig. 4 is a section on line 4 4, Fig. 2; and Fig. 5 is a detail view in perspective of the several parts detached.

In carrying out my invention I employ a body portion A, which is usually apertured, as at *a*, and formed with a flat under side *a'*. At opposite ends of the flat face *a'* are arranged outwardly and upwardly projecting lugs or ears B, said lugs or ears being curved, essentially, in the shape of a semicircle upon its upper face, and between the lower face of the lugs and the flat face *a'* are produced the V-shaped niches or recesses C, producing sharp edges *c* at the opposite ends of the flat face *a'*. Intermediate the ends of the said flat face is formed the depending spur D, said spur being made tapering and pointed, as shown, and for a purpose hereinafter described. The body portion A is preferably constructed of malleable iron, as are also the

rings E E, each of said rings having elongated portions *e e* at their upper sides, which elongated portions are adapted to be hooked upon the curved lugs or ears B, whereby the rings E E are arranged at right angles to the body portion.

In applying my device the rings are first hooked upon the lugs or ears. The rope R is then passed through the rings and the spur pressed into the said rope. The rings are then pressed toward said spur, which action tends to bind the rope securely upon the spur and also press a certain portion of the rope into the recesses C and bind said rope against the sharp edges of the flat face, thereby binding the rope not only on the spur but upon each side of the same and above it.

Having thus described my invention, what I claim is—

1. The combination, with a body portion provided with a spur projecting therefrom and with end lugs or hooks, of rings adapted to engage the latter and retain the body portion against lateral displacement when in secured position, substantially as set forth.

2. The combination, with a body portion having a flat under side provided with notches forming shoulders, a spur projecting outwardly from said flat sides, and lugs or hooks at the ends of the body portion, of rings for engaging said lugs or hooks to retain said body portion against lateral displacement when secured, substantially as set forth.

3. The combination, with a body portion provided with a spur projecting therefrom and with end lugs or hooks, of rings provided with elongations at one side adapted to engage said lugs or hooks, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ALBERT W. PORTER.

Witnesses:

WARREN L. MEILLER,
JOHN M. CHADWICK.