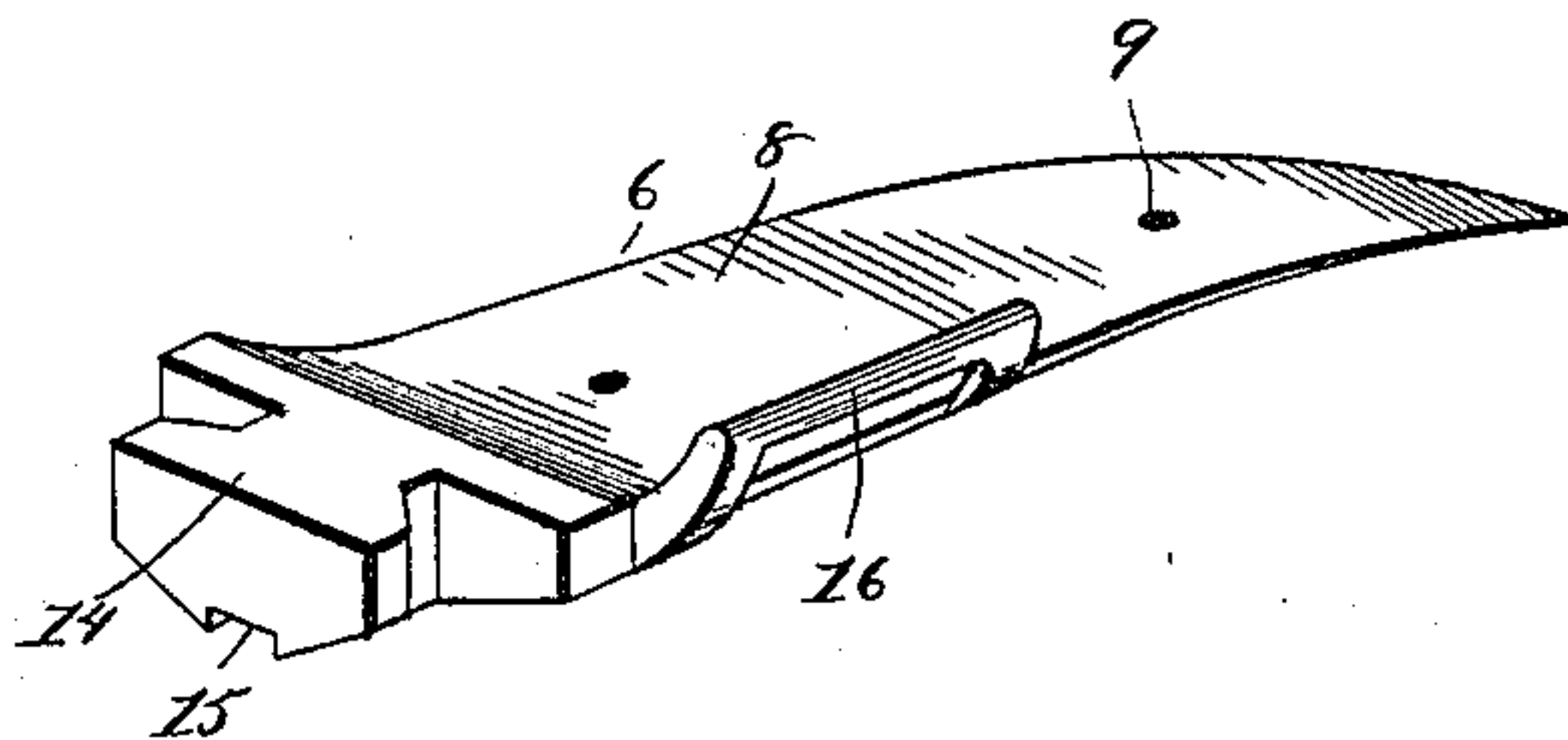
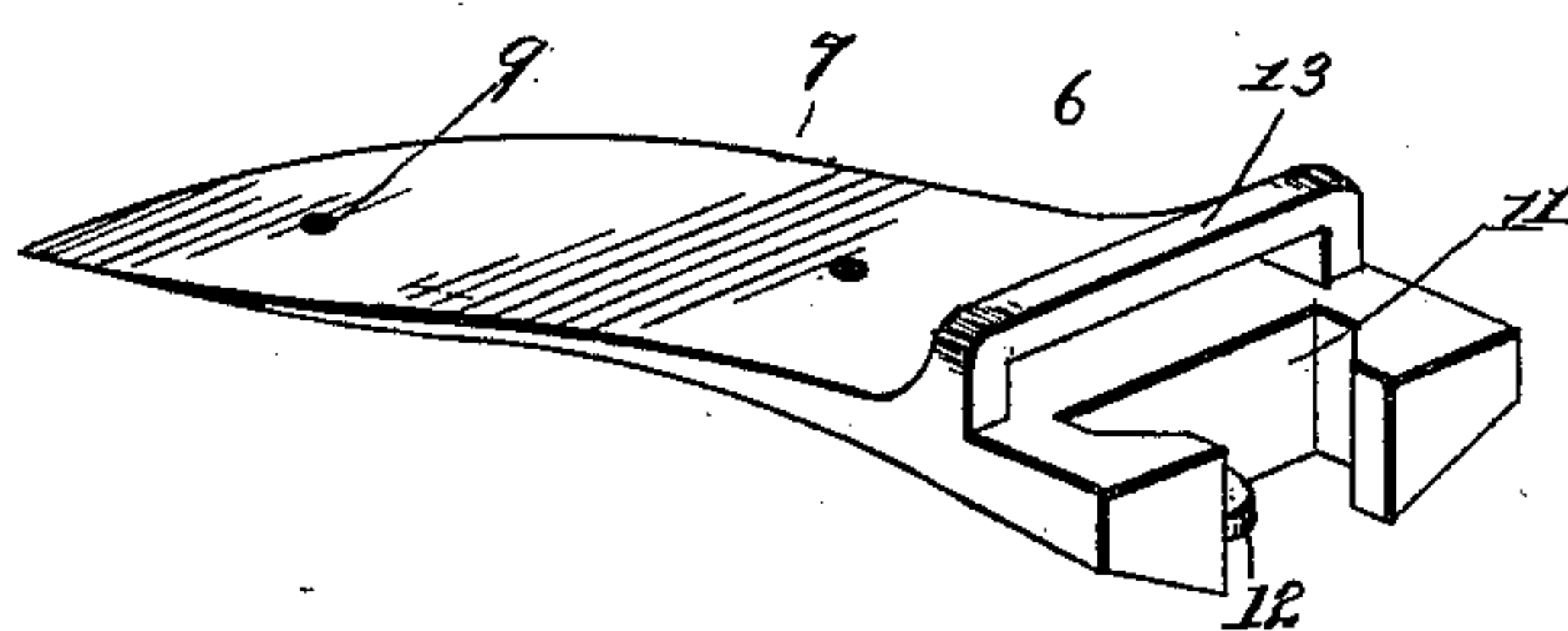
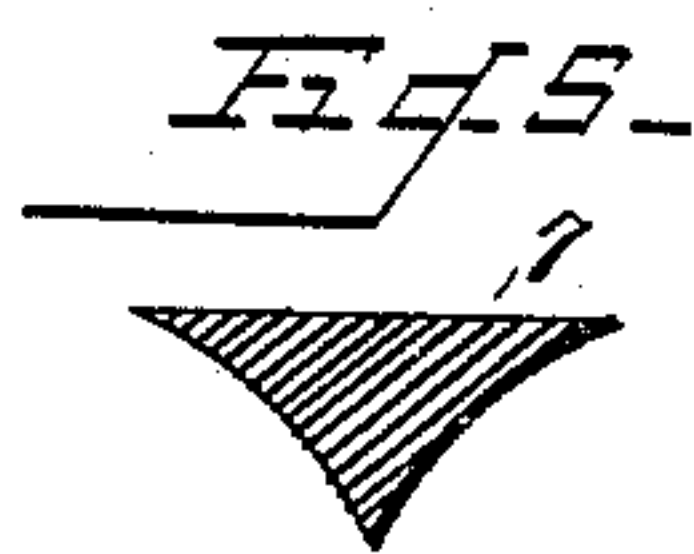
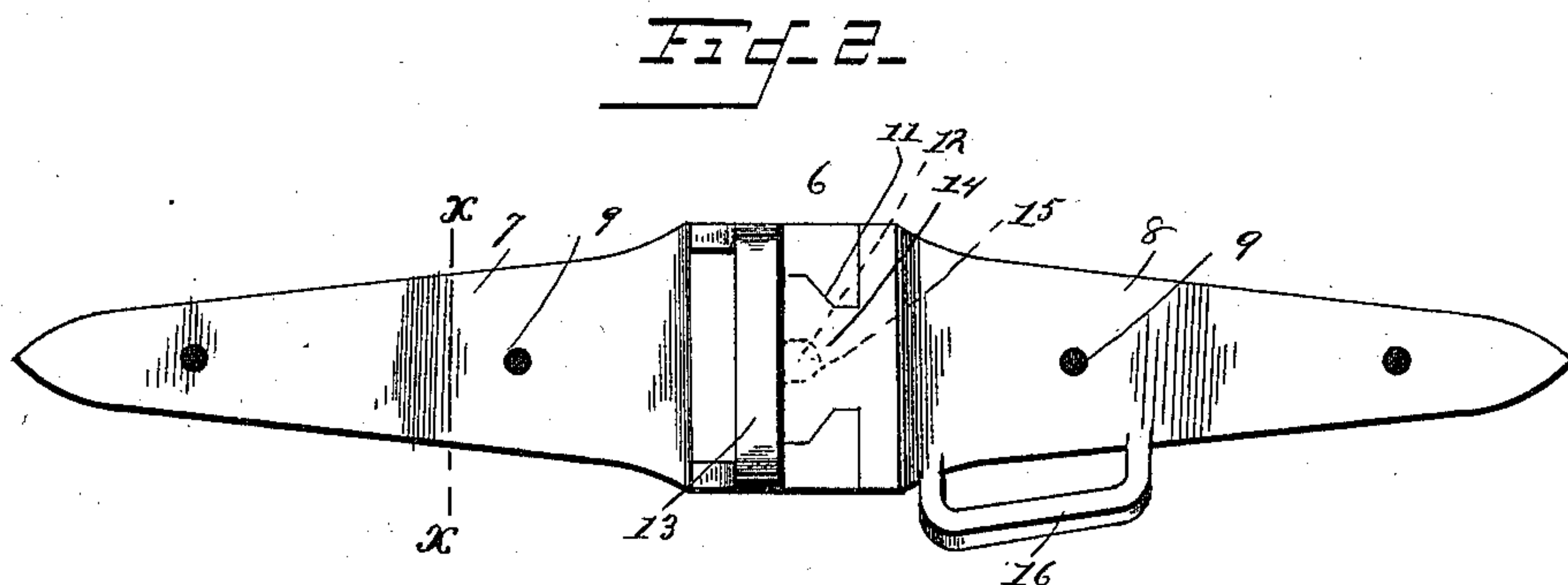
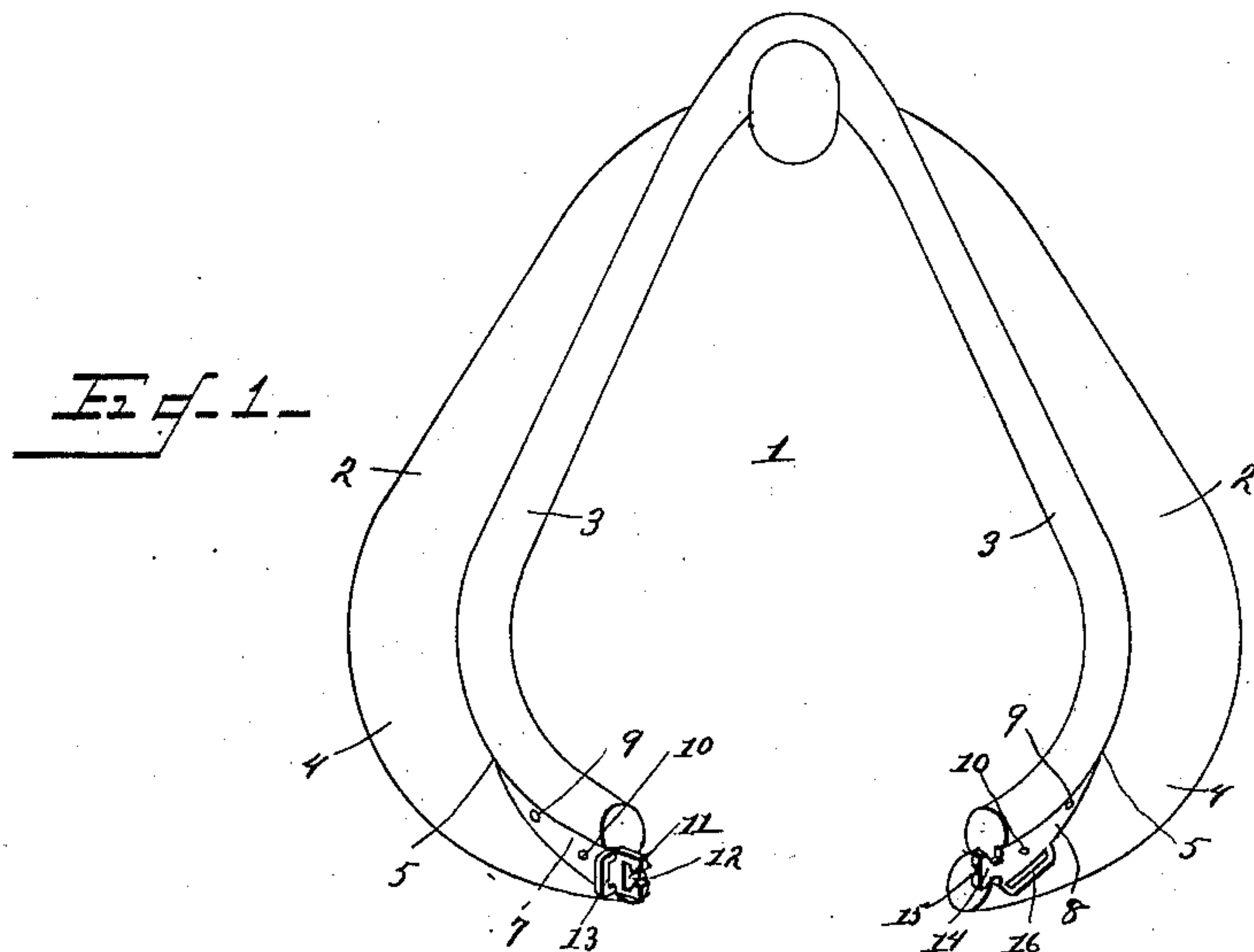


(No Model.)

M. MARKS.  
HORSE COLLAR FASTENER.

No. 417,570.

Patented Dec. 17, 1889.



Witnesses:

*Geo. C. French.*

*W. H. Small*

Inventor

*Mose Marks*

By *his* Attorneys,

*C. A. Snow & Co.*



# UNITED STATES PATENT OFFICE.

MOSE MARKS, OF OMAHA, NEBRASKA.

## HORSE-COLLAR FASTENER.

SPECIFICATION forming part of Letters Patent No. 417,570, dated December 17, 1889.

Application filed July 2, 1889. Serial No. 316,309. (No model.)

*To all whom it may concern:*

Be it known that I, MOSE MARKS, a citizen of the United States, residing at Omaha, in the county of Douglas and State of Nebraska, have invented a new and useful Horse-Collar Fastener, of which the following is a specification.

My invention has relation to horse-collars, and has particular reference to the means for connecting the same.

Among the objects in view are to provide a simple, inexpensive, and convenient device adapted to be applied to horse-collars, whereby the two sections thereof may be quickly connected at their lower ends, and when so connected will be secure and not liable to be accidentally disconnected.

With these general objects in view the invention consists in the provision of two opposite metal sections of such a form as to adapt them to be rigidly connected with their respective collar-section, and to provide said sections with suitable collar and pole strap receiving loops, whereby the sections when connected are maintained in place, and, further, to provide each of the sections with a means for interlocking with the opposite section, all as will hereinafter appear, and be particularly pointed out in the claims.

Referring to the drawings, Figure 1 is a general view of a horse-collar provided with a locking device constructed in accordance with my invention. Fig. 2 is a plan view of the device detached from the collar. Figs. 3 and 4 are perspectives of the sections detached from each other. Fig. 5 is a detail in section on lines *xx* of Fig. 2.

Like numerals of reference indicate like parts in all the figures of the drawings.

1 represents a horse-collar, and the same is formed of opposite sections 2, each of which is provided with the usual inner rim portion 3 and the outer swelled portion 4, forming intermediate the two the usual groove or V-shaped crease 5.

In practicing my invention I construct the fastener 6 of two sections 7 and 8, each of which is like the other so far as their general contour is concerned, and merely differ at their connecting or interlocking ends. Each of the sections 7 and 8 is preferably of a V shape and triangular in cross-section,

whereby they are adapted to snugly fit within the usual crease 5, above mentioned, having their larger ends disposed toward each other. Each of the sections is provided with perforations 9, through which are passed bolts or rivets 10, and by which the sections are secured to their respective collar-sections. The section 7 is provided at its enlarged end with a T-shaped recess 11, and at the inner end of the same, or that end adjacent to the collar, there is provided a lug 12, that projects outwardly from the section into the recess. From the section in rear of the T-shaped recess there also extends and is formed integral with the section a loop or keeper 13. The section 8, in contradistinction to the section 7, has its larger end formed with an integral T-shaped tongue or tenon 14, of a shape corresponding with the recess 11, said tongue projecting beyond the edge of the collar-section, and being adapted to be inserted laterally within the recess of the opposite section, which lateral movement is permissible by reason of the collar-sections being hinged or loosely connected at their outer ends in the usual manner. Upon the rear face of the T-shaped lug 14 is formed a small countersunk recess 15, into which the lug 12 of the opposite section seats itself when the two sections are interlocked. A loop or keeper 16 is formed integral with the section 8 and extends from the edge thereof, and with the same is adapted to be connected the usual pole-supporting strap, as will be readily understood. If desired, the loop 16 may be provided with a ring, into which a snap on the end of the pole-strap may be engaged. The office of the loop 13 is to receive the usual collar-strap.

Having described my invention, what I claim is—

1. In a horse-collar fastener, the combination of opposite sections, one of which is provided with a T-shaped recess, at one end of which is formed a central inwardly-projecting lug, and the other section provided with a T-shaped lug or tongue adapted to enter the recess of the opposite section, and provided with a central countersunk recess adapted to receive the lug thereof, substantially as specified.

2. In a horse-collar fastener, the combination, with the sections 7 and 8, the ends of

which are provided with interlocking means, one of said sections being provided slightly in rear of its interlocking end with a transverse outwardly and right-angularly disposed strap-receiving loop 13, and the other  
5 of said sections provided at its lower edge with the longitudinal depending loop M, both of said loops being independent of the means for locking the ends of the sections, substantially as set forth.  
10

3. In a horse-collar fastener, the combination, with the opposite collar-sections 2, of the sections 7 and 8, each of which is perforated, as at 9, and riveted to the collar-sections, as

at 10, the section 7 being provided with the transverse T-shaped recess 11 and having the inwardly-disposed lug 12, and the section 8 being provided with the T-shaped tongue 14 and the lug-receiving countersunk recess 15, substantially as specified.  
15 20

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

MOSE MARKS.

Witnesses:

JOHN C. BARNARD,  
EMILY F. KEATLEY.