

No. 886,957.

PATENTED MAY 5, 1908.

W. DETTMANN,  
NAILLESS HORSESHOE.

APPLICATION FILED APR. 24, 1907.

2 SHEETS—SHEET 1.

Fig. 1.

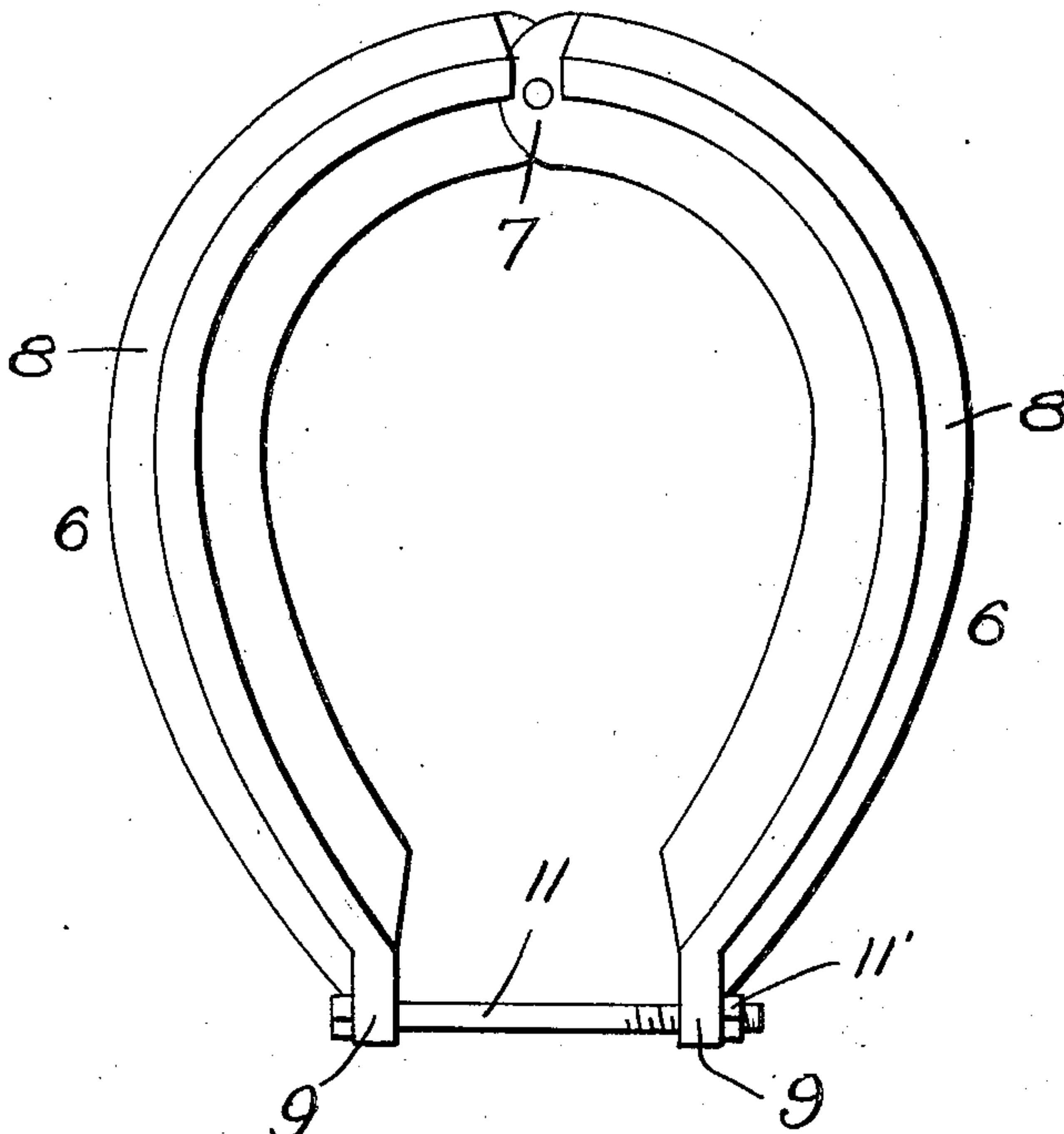
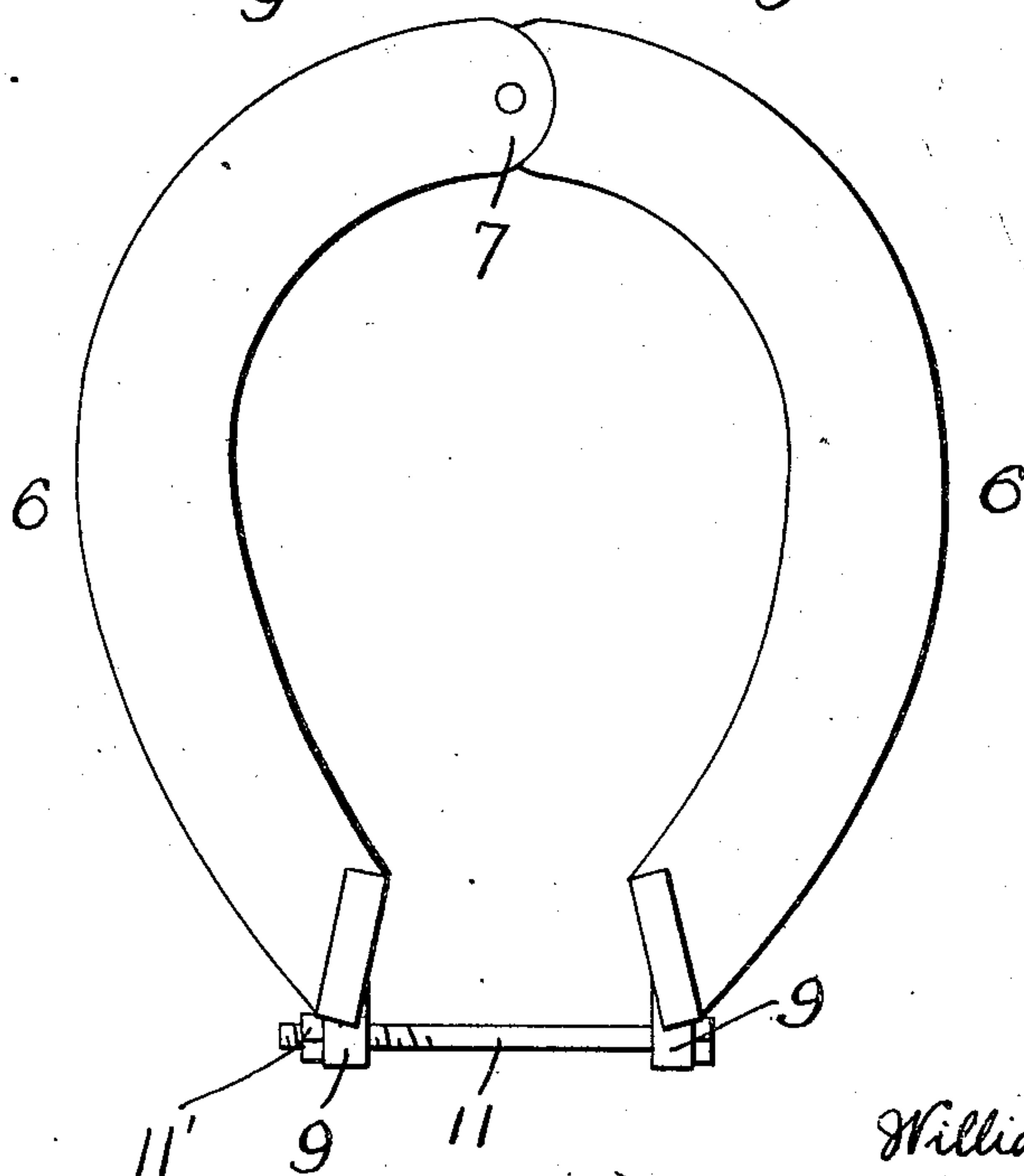


Fig. 2.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 3.

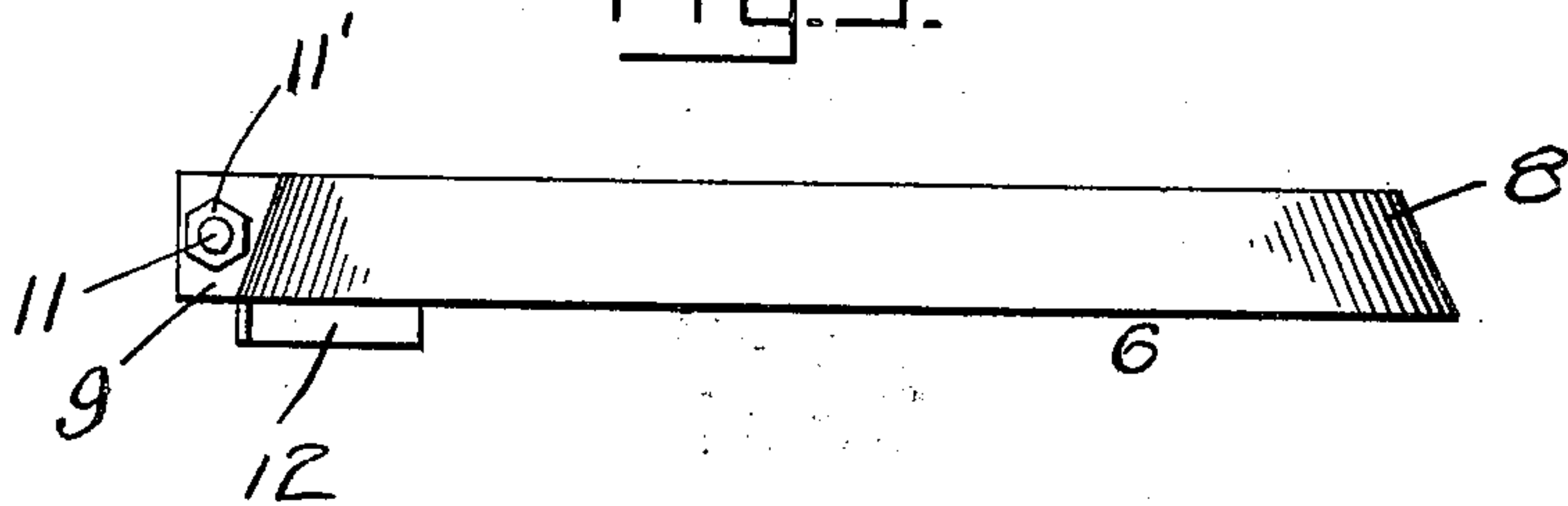


Fig. 4.

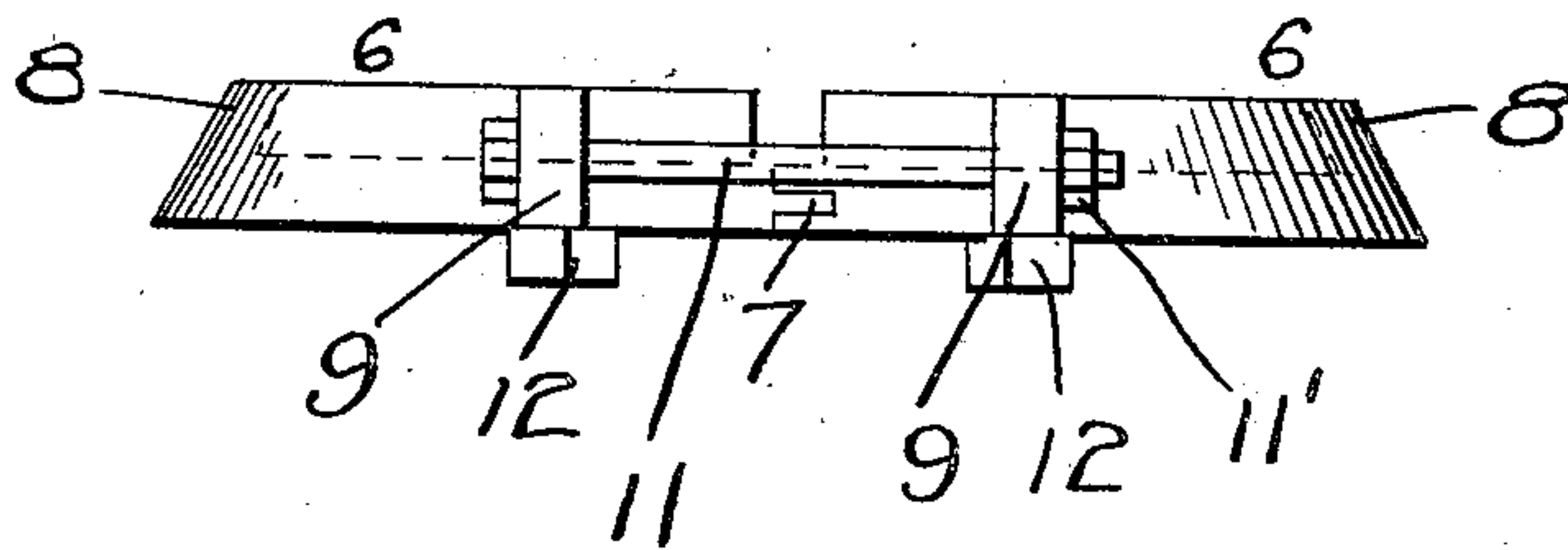
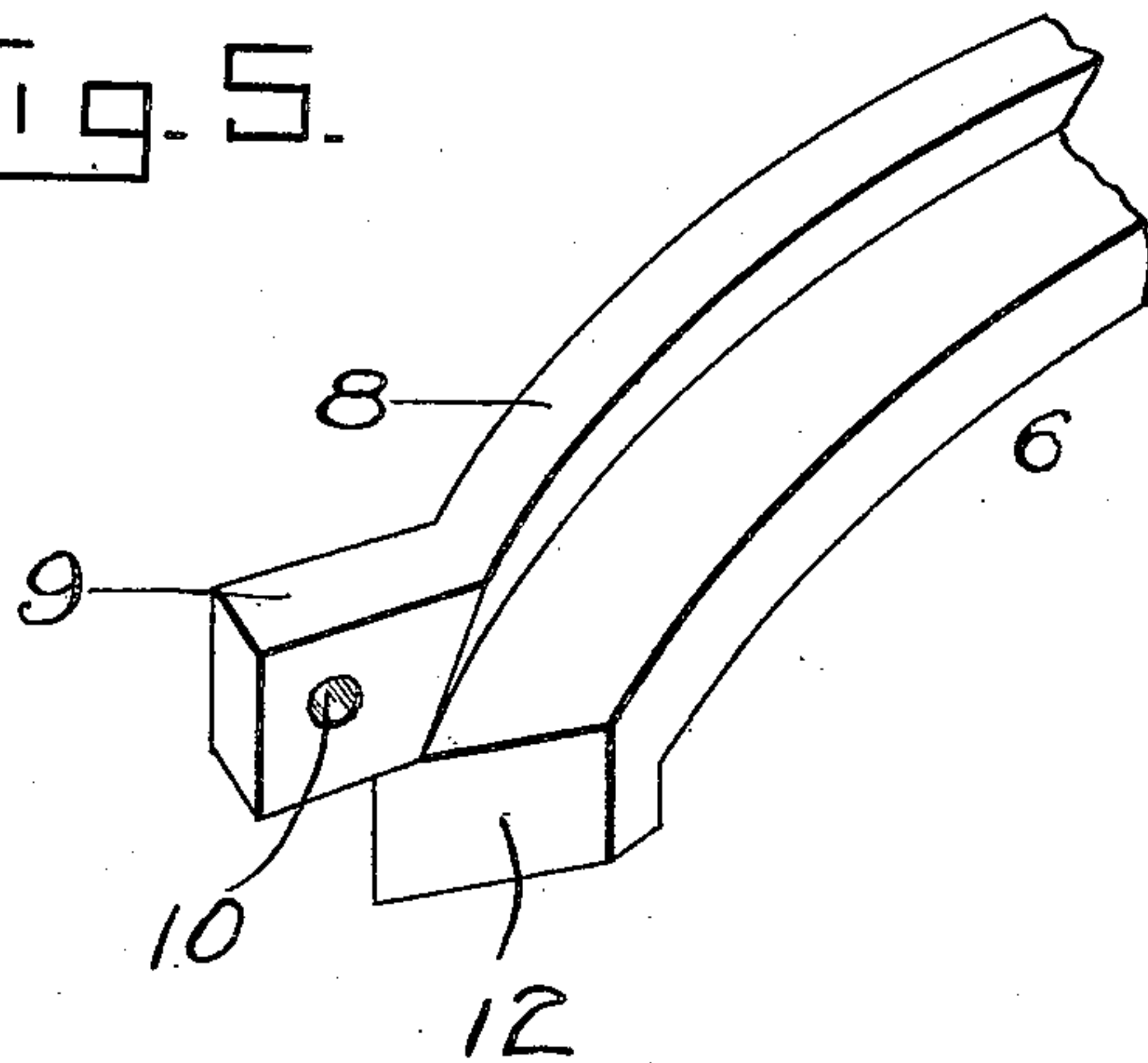


Fig. 5.



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# UNITED STATES PATENT OFFICE.

WILLIAM DETTMANN, OF JUDSON, NORTH DAKOTA.

## NAILLESS HORSESHOE.

No. 886,957.

Specification of Letters Patent.

Patented May 5, 1908.

Application filed April 24, 1907. Serial No. 369,959.

*To all whom it may concern:*

Be it known that I, WILLIAM DETTMANN, a citizen of the United States, residing at Judson, in the county of Morton, State of North Dakota, have invented certain new and useful Improvements in Nailless Horseshoes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to horseshoes and more particularly to that class which are of such construction as to be attachable without the use of nails and the object of the invention is to provide a simple construction of shoe of this class and one which may be readily manufactured.

Broadly stated, the shoe comprises a pair of sections which are hinged at their forward ends and are provided along their outer edges with upwardly and inwardly directed flanges which, when the shoe is in place, grip the sides of the horse's hoof and securely hold the shoe thereto. The flanges mentioned are continued to the extreme rear ends of the shoe sections and are bent at their said ends to extend rearwardly to form ears through which a bolt is engaged, the rear ends of the shoe sections being bent downwardly to form calks for the shoe.

In the accompanying drawings, Figure 1 is a top plan view of the shoe. Fig. 2 is a bottom plan view thereof. Fig. 3 is a side elevation of the shoe. Fig. 4 is a rear end view thereof, and, Fig. 5 is a detail perspective view of the rear end of one of the shoe sections.

As shown in the accompanying drawings, the shoe is formed of a pair of sections which are rabbeted at the forward ends and pivotally connected as at 7.

Formed integral with the outer or convex edge of each section is a flange 8 which ex-

tends upwardly and inwardly and from the forward to the rear end of the section. These flanges at their extreme rear ends are bent to extend directly rearwardly as indicated at 9 and are apertured as at 10 for the passage of a bolt 11 upon one end of which is engaged a nut 11 which may be turned to cause the flanges of the two sections to firmly grip the sides of the animal's hoof and thereby hold the shoe thereon. At the rear ends of the shoe sections therefore, the flanges are not formed integral with the said sections and in order to form calks for the shoe, the rear ends of the said sections are bent to extend directly downwardly as indicated at 12. The said ends may or not be sharpened as may be desired.

What is claimed is—

1. A horseshoe comprising a pair of hinged sections each formed at its outer edge with a continuous integral flange, the sections and the flanges being divided at their rear ends, the said ends of the flanges being bent to extend rearwardly and the corresponding ends of the sections being bent downwardly, and an adjusting element engaged through the rearwardly extended ends of the flanges.

2. A horseshoe comprising a pair of hinged sections each formed at its outer edge with a continuous integral flange, the sections and the flanges being divided at their rear ends in a line with their line of junction with each other, the said ends of the flanges being bent to extend rearwardly and the corresponding ends of the sections being bent downwardly at right angles to their body portions, and an adjusting element engaged through the rearwardly extended ends of the flanges.

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

WILLIAM DETTMANN.

Witnesses:

AUGUST WILDE,  
E. C. OTTE.