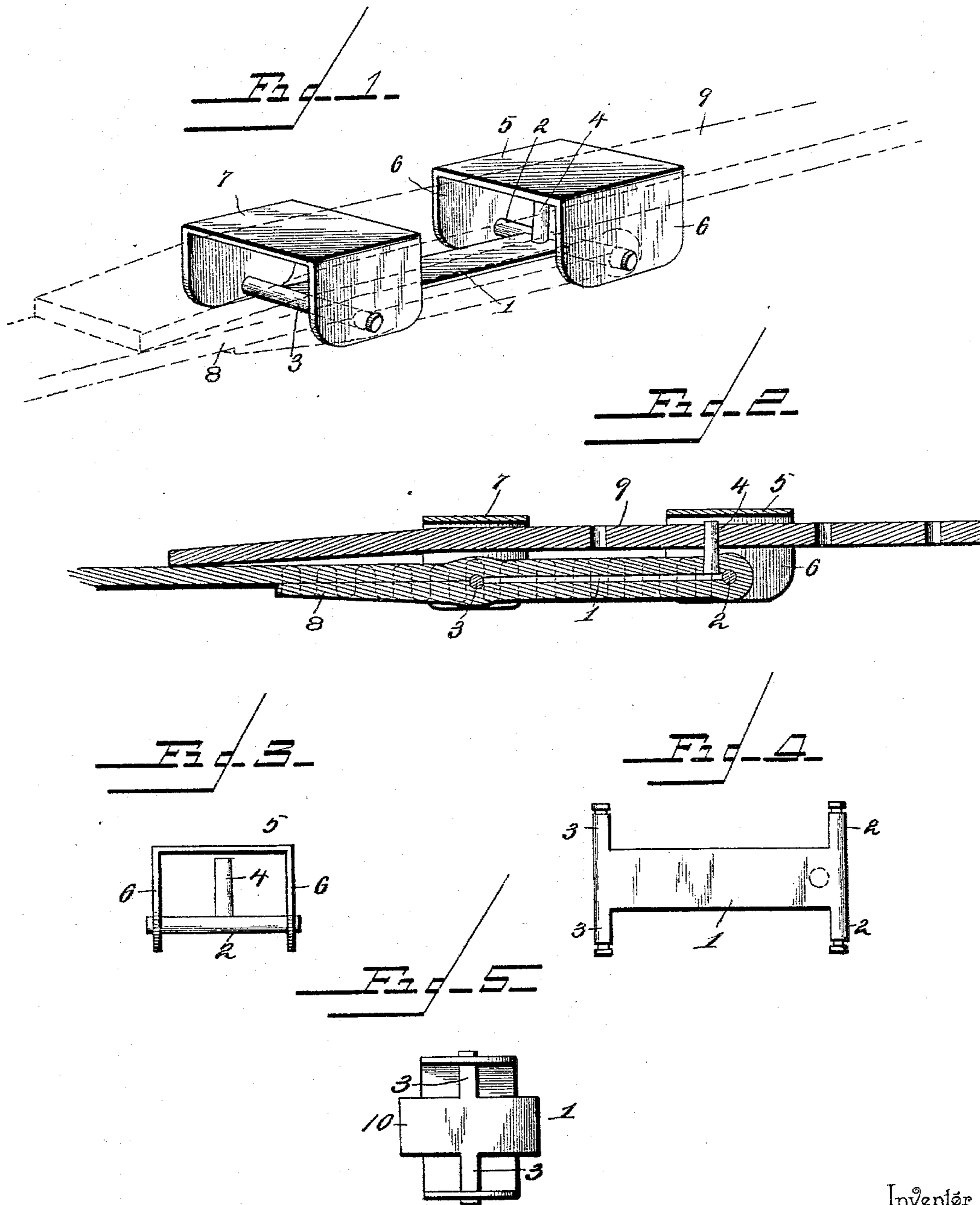


(No Model.)

W. A. BRUNEMEIER.
HARNESS ATTACHMENT.

No. 551,303.

Patented Dec. 10, 1895.



Inventor

William A. Brunemeier.

Witnesses

Thos. W. Riley,

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By his Attorneys,

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UNITED STATES PATENT OFFICE.

WILLIAM A. BRUNEMEIER, OF HUBBARD, IOWA.

HARNESS ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 551,303, dated December 10, 1895.

Application filed February 23, 1895. Serial No. 539,413. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. BRUNEMEIER, a citizen of the United States, residing at Hubbard, in the county of Hardin and State of Iowa, have invented a new and useful Harness Attachment, of which the following is a specification.

This invention relates to an improvement in harness attachments, and is especially designed for use in connection with harness, where the different parts and straps are of such heavy nature that it is difficult to adjust the same with the ordinary construction of buckles and loops.

The object of my invention is to make a simple, cheap, and durable attachment, one which cannot get out of order, which may be quickly applied and firmly held in place, and which will not wear against and cut the leather of the harness.

My invention consists in the combination, with a centrally-arranged metallic strap or plate adapted to be stitched between two thicknesses of leather, and provided with laterally-projecting studs or pivots at either side, of a pivoted loop swiveled thereto and arranged to operate in the manner substantially as hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of my improved harness attachment with the ends of the two leather straps shown applied thereto in dotted lines. Fig. 2 is a longitudinal section through the same with the leather straps shown in full lines. Fig. 3 is an end view of the attachment with the leather straps omitted. Fig. 4 is a detached plan view of the metallic connecting-strap and its integrally-formed studs or pivots. Fig. 5 is a bottom plan view of a single loop attachment, showing the manner in which its central strap or plate is arranged.

Similar numerals of reference indicate corresponding parts in all the figures of the drawings.

Referring to the drawings, 1 represents a thin, flat metallic strap which is provided at either end with two oppositely-arranged, laterally-extending studs or pivots 2 and 3 for the reception of suitable loops, and 4 indicates a tongue or pin fixedly attached to said metallic strap 1, at or near one end thereof,

and projecting at right angles to the studs or pins 2, above described.

5 indicates a loop pivoted upon the ends of the studs 2, and made preferably from a piece of flat metal formed with angular extensions 6 which are perforated to receive the projecting ends of the studs 2, said angular extensions 6 being of sufficient length to enable the main or connecting portion 5 to clear the point of the tongue or pin 4 in its swinging movement. The outer ends of the studs or pivots 2 are headed beyond or outside of the angular extensions 6, thereby preventing the escape of the loop 5.

7 indicates a similar loop located at the opposite end of the metallic strap 1, and swiveled upon the laterally-projecting studs or pins 3, above described.

The leather strap 8 passes around the central metallic strap 1, embracing both sides thereof, and said metallic strap 1 is confined between and securely held in place by means of two rows of stitches, one upon either side thereof, as shown. The studs or pivots 2 and 3 project at their ends beyond the side edges of the leather strap where they receive the angular extensions of the loops 5 and 7, which, owing to the manner in which the central metallic strap and its studs or pivots are held in place, are prevented from rubbing against and cutting or wearing away the leather straps. 9 indicates the end of another strap, which is provided with the usual perforations for engaging the tongue of the buckle. The loop 5 is rocked away from the tongue 4 sufficient to allow the end of the strap 9 to pass through said loop, and to be inserted beneath and pass through the other loop 7. When the desired perforation in the strap 9 is brought over and into engagement with the tongue 4, the loop 5 is thrown back into the position indicated in Fig. 1 by hand, or by simply pulling upon the strap 9.

In Fig. 5 I have shown a slight modification in the form of the central metallic strap 1, by which it is adapted for use in connection with a single loop. Said modification consists simply in locating the oppositely-arranged laterally-extending studs or pivots 3 centrally of the metallic strap, or in other words, by extending said central strap longitudinally

upon either side of the pins or studs, as indicated at 10. The strap 10 is stitched between two thicknesses of leather in the manner hereinabove described, and the loop just described may be located at any desired point in the harness. Thus a simple, neat, and inexpensive attachment is produced, which is strong in construction, adapted to be easily and firmly applied, and which may be manipulated with great ease.

What I claim is—

1. The herein described harness attachment, comprising the transversely extending studs or pivots 2 and 3, the longitudinally extending web connecting said studs or pivots and having a width less than the transverse extent of said studs or pivots, a tongue 4 located at the intersection of said web with the studs at one end, a buckle loop journaled on the pair of studs or pivots adjacent to said tongue, and a billet loop journaled on the remaining pair of studs or pivots, substantially as and for the purpose described.

2. In a harness attachment, a narrow central longitudinal plate or metal strap provided at each end with oppositely disposed studs or pivots projecting laterally beyond the side edges of said central plate or strap, a tongue 4 located at the intersection of said plate or strap with one pair of said studs or pivots, and the buckle and billet loops pivotally mounted upon the extremities of said studs, in combination with a strap having its end folded upon the central plate or strap and secured by means of two rows of stitches one upon each side of said plate or strap, substantially in the manner and for the purpose specified.

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

WILLIAM A. BRUNEMEIER.

Witnesses:

J. K. MILNER,

J. E. HARVEY.