

J. S. STONE.
HARNESS ATTACHMENT.
APPLICATION FILED NOV. 16, 1910.

1,003,381.

Patented Sept. 12, 1911.

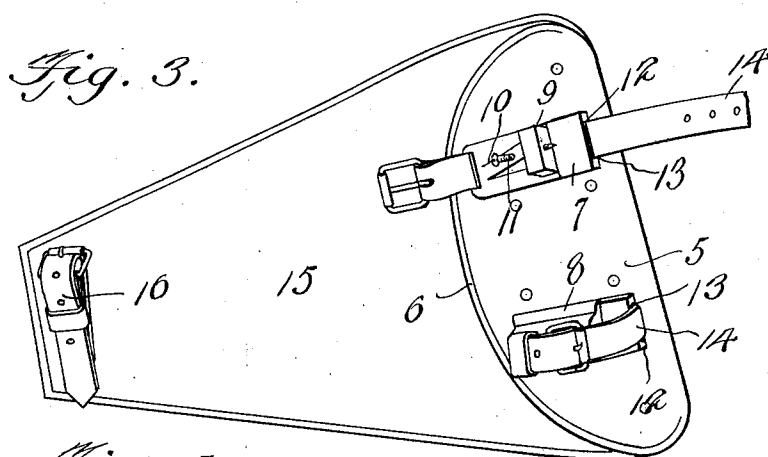
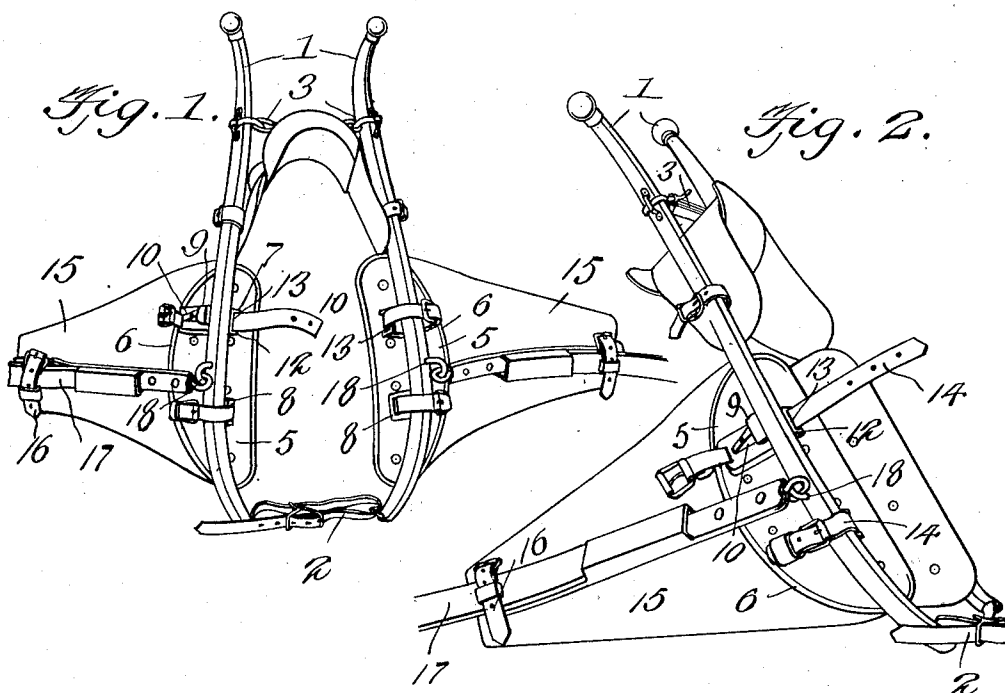
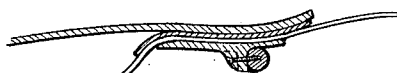


Fig. 4.



Witnesses

Frank B. Hoffman
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UNITED STATES PATENT OFFICE.

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HARNESS ATTACHMENT.

1,003,381.

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To all whom it may concern:

Be it known that I, JAMES S. STONE, a citizen of the United States, residing at Omaha, in the county of Douglas and State of Nebraska, have invented new and useful Improvements in Harness Attachments, of which the following is a specification.

This invention relates to harness attachments and more particularly to an attachment for harness hames which will avoid the use of cumbersome collars.

A further object of the invention is the provision of a novel collar pad adapted to be conveniently and readily attached to a pair of hames whereby only the direct point of pressure upon the animal's shoulders is covered.

Further objects of the invention will appear as the following specific description is read in connection with the accompanying drawing which forms a part of this application, and in which:

Figure 1 is a front elevation. Fig. 2 is a side elevation showing one of the attaching straps unbuckled, and one of the securing screws partly removed. Fig. 3 is a side elevation of the device removed from the hames. Fig. 4 is a detail section through one of the hame supporting lugs and its associated pad and shield.

Referring more particularly to the drawing 1 represents the ordinary pair of hames the parts of which are connected at their bottoms by means of the usual strap 2 and at their tops by the usual connection 3. A suitable neck saddle is shown attached to the hames in the usual manner.

The attachment comprises separate metallic shoulder tabs 5 which in outline are substantially the shape of a segment of an orange and have their rear or curved edges curled up as at 6 to prevent abrasion as will hereinafter be described. Secured in any suitable manner to the plates are a pair of attaching lugs 7 and 8, each of which is provided with an upstanding rib 9 braced by a suitable web 10 and apertured to receive an attaching screw 11. The bottoms of the lugs are provided with flanges 12

which space the lugs from the plate and provide channels 13 for the passage of attaching straps 14. The hames are seated against the ribs and the attaching screws 11 threaded therein so as to properly secure them in place. As a further precaution against displacement, the straps 14 are buckled around the hames as shown. Attached to and entirely covering the inner faces of the plates are leather shields 15 which extend rearwardly and which have secured at their rear ends the retaining straps 16 which are adapted to surround the traces 17 secured at their forward ends to the eyes 18 on the hames.

By using a device of this character, the hames and collar tabs or the substitute for the collar, are removed simultaneously by simply unbuckling the connection 2. Also in this manner the hames and collar pad may be adapted for different sized horses by adjusting the couplings 2 and 3.

Having thus described the invention, what is claimed is—

1. In a device of the class described, the combination with a pair of hames having adjustable connections at their tops and bottoms, of a pair of shoulder plates, lugs secured to said plates and having channels, straps mounted in said channels for securing the hames to the plates, and auxiliary securing means connecting the lugs and hames.

2. In a device of the class described, the combination with a pair of hames having adjustable connections at their tops and bottoms, of a pair of shoulder plates, lugs secured to said plates and having channels, straps mounted in said channels for securing the hames to the plates, and screws passing through the lugs and taking into the hames.

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

JAMES S. STONE.

Witnesses:

EDW. L. LAWLER,
C. E. WILLIAMS.