

No. 815,429.

PATENTED MAR. 20, 1906.

J. W. HUGHES.  
MILKING SHIELD.  
APPLICATION FILED AUG. 8, 1905.

Fig. 1.

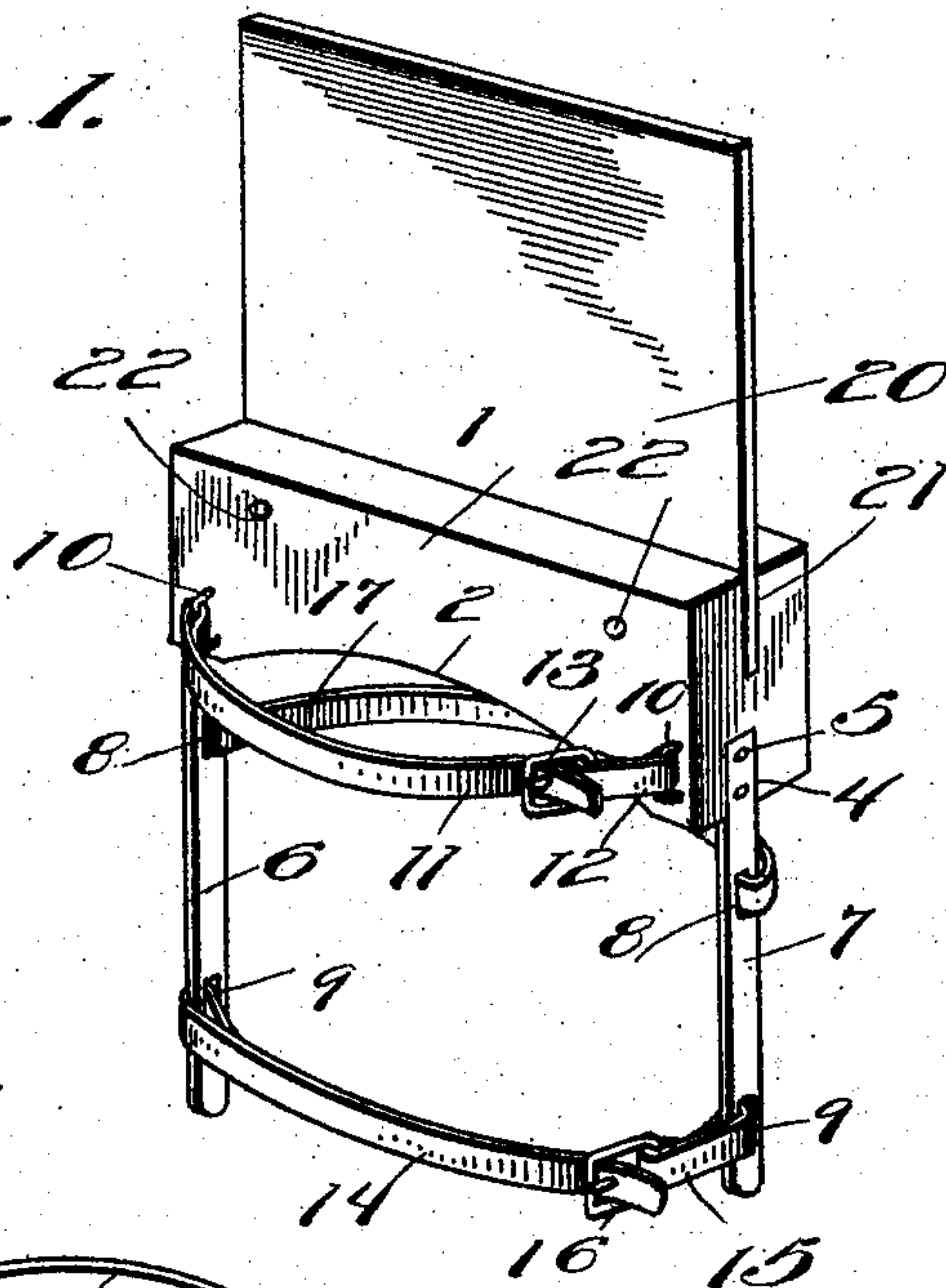


Fig. 4.

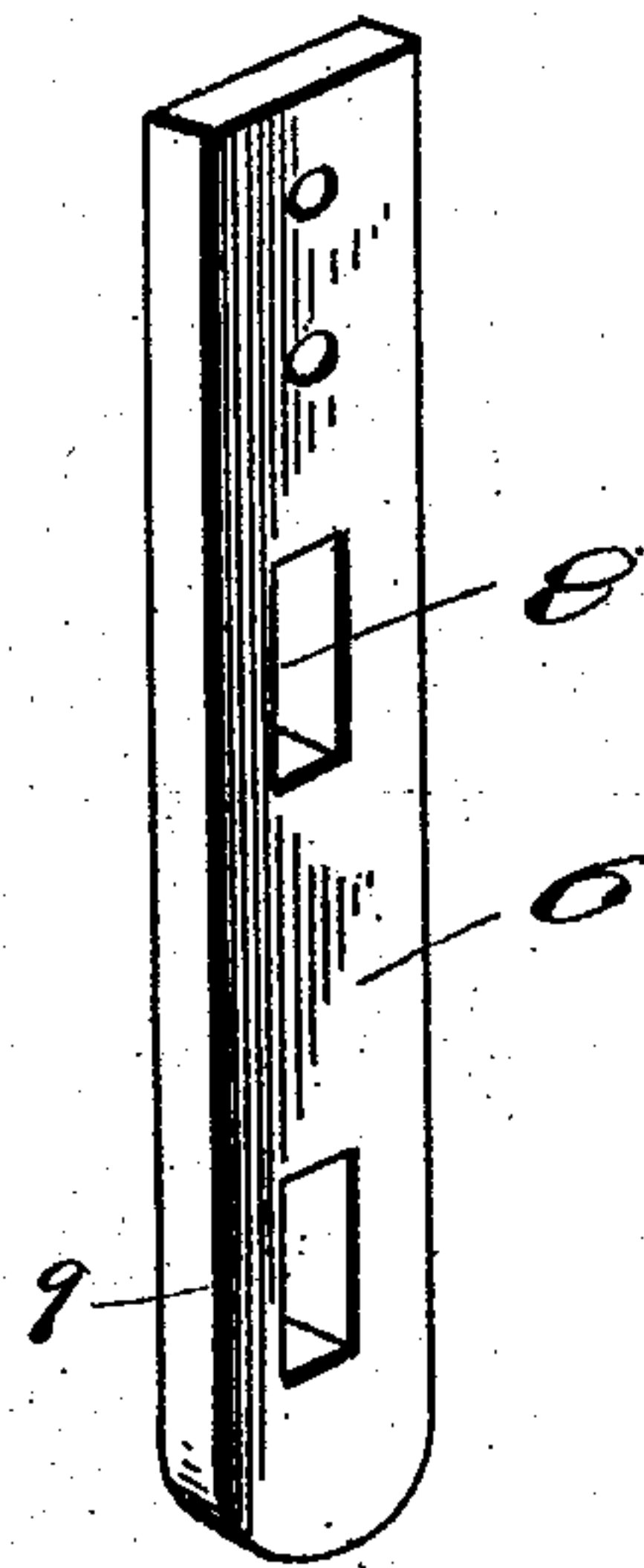


Fig. 2.

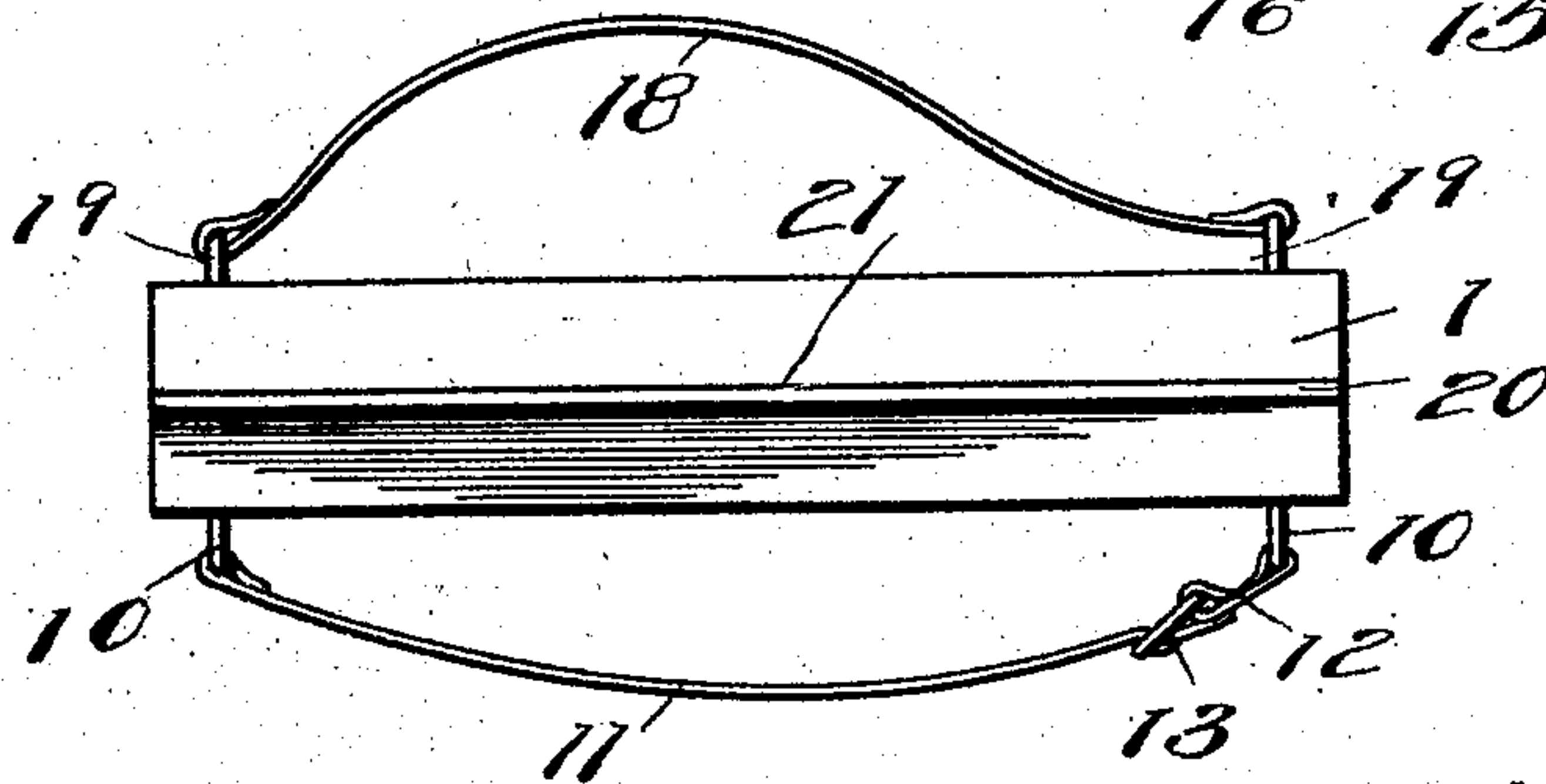
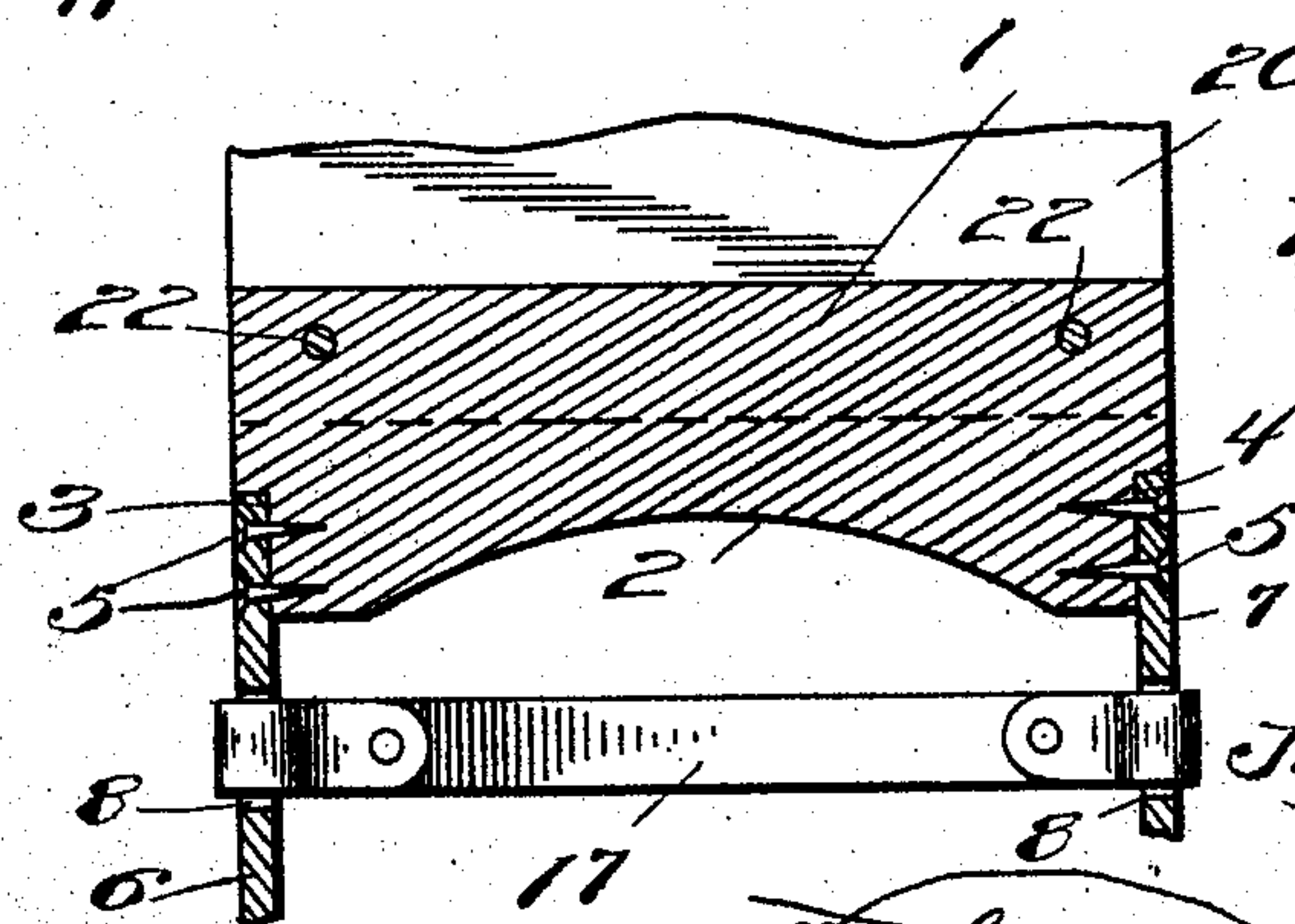


Fig. 3.



Witnesses

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# UNITED STATES PATENT OFFICE.

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## MILKING-SHIELD.

No. 815,429.

Specification of Letters Patent.

Patented March 20, 1906.

Application filed August 8, 1905. Serial No. 273,296.

*To all whom it may concern:*

Be it known that I, JOHN W. HUGHES, a citizen of the United States, residing at Rogers, in the county of Benton, State of Arkansas, have invented certain new and useful Improvements in Milking-Shields; 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 head-protectors.

One object of the invention is to provide a protector for use by those in the act of milking cows wherein the head of the milker will be protected against the wagging of the animal's tail.

Another object of the invention resides in the provision of a protector of the nature stated embodying such characteristics that it may be readily put on or taken off by the wearer.

A still further object is to provide a simple, inexpensive, durable, and efficient protector or shield constructed and arranged for support upon the shoulder of the wearer for the accomplishment of the purposes stated.

With these and other objects in view the present invention consists in the combination and arrangement of parts, as will be hereinafter more fully described, shown in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that changes in the form, proportion, size, and minor details may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawings, Figure 1 is a perspective view of my invention. Fig. 2 is a top plan view. Fig. 3 is a vertical longitudinal sectional view. Fig. 4 is an enlarged detail view of one of the depending arms of the saddle-block.

Referring now more particularly to the accompanying drawings, the reference character 1 designates a saddle-block having its under face concaved, as at 2, whereby the saddle-block may be readily supported upon one shoulder of the wearer. In order to support the saddle-block 1 upon the shoulder of the wearer, which is preferably the left shoulder, I form oppositely-disposed grooves 3 and 4 in the ends of the saddle-block 1 near the inner face of the latter, in each of which I secure, by means of any suitable fastenings 5, the depending arms 6 and 7, each of which is

provided with upper and lower slots 8 and 9 for a purpose presently explained. Secured in the eyes 10, arranged at the opposite inner face of the saddle-head 1, are the straps 11 and 12, the strap 12 being provided with a buckle 13 for the reception of the free end of the strap 11, these two straps being arranged for adjustment with respect to each other and the neck of the wearer of the protector. It will thus be understood that the straps 11 and 12 are buckled together about the neck of the wearer. Secured in alining slots 9 of the aforesaid depending arms 6 and 7 are the strap connections 14 and 15, the strap 15 having a buckle 16 to provide for an adjustable connection of the straps 14 and 15, which are designed to be secured around the waist of the wearer of the protector. A strap 17 has its ends secured in the upper alining slots 8 of the depending arms 6 and 7 for engagement against the left side of the wearer, there being an elastic strap 18 secured in the oppositely-disposed eyes 19 upon the outer face of the saddle-head 1 for engagement under the left arm to prevent the saddle-block compressing against the neck of the wearer.

Now in order to insure protection to the head and face of the wearer while milking a cow I provide a shield 20, whose lower longitudinal edge is fitted in the groove 21, formed longitudinally in the upper face of the saddle-block 1 near the outer edge of the latter and which may be secured in said groove by means of suitable rivets 22 or in any other suitable manner.

The inconvenience occasioned by the wagging of the cow's tail, especially in the summer-time, is a well-known inconvenience. It is also well known that the wagging of the animal's tail frequently injures the head and face of the person milking the animal. My invention is designed to obviate such inconvenience and possible injury to the person milking the cow. It will be seen that the invention is exceedingly simple and inexpensive of manufacture, and it is to be understood that the protector is very light and that it may be readily attached and detached by the wearer.

What is claimed is—

1. A head-protector comprising a saddle-block having a concaved under face for engagement upon the shoulder of the wearer, said block having a groove in its upper face, an arm depending from each end of the block,



each arm having alining slots, a waist-strap secured in the lowermost alining perforations in said arms, a side strap secured in the uppermost slots of said arms, a neck-strap secured to one of the side faces of the aforesaid block, a shoulder-strap secured to the other side face of the block, and a shield fitted in the aforesaid groove in the top of the block.

2. A head-protector comprising a saddle-block for engagement with the shoulder of the wearer, a neck-strap secured to said block,

an arm depending from each end of the block, straps connected to said arms, a shoulder-strap secured to the outer face of the block, and a shield secured to the upper face of the block. 15

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

JOHN W. HUGHES.

Witnesses:

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