

No. 659,591.

Patented Oct. 9, 1900.

W. J. MUIR.
BUCKET SUPPORT.

(Application filed July 19, 1900.)

(No Model.)

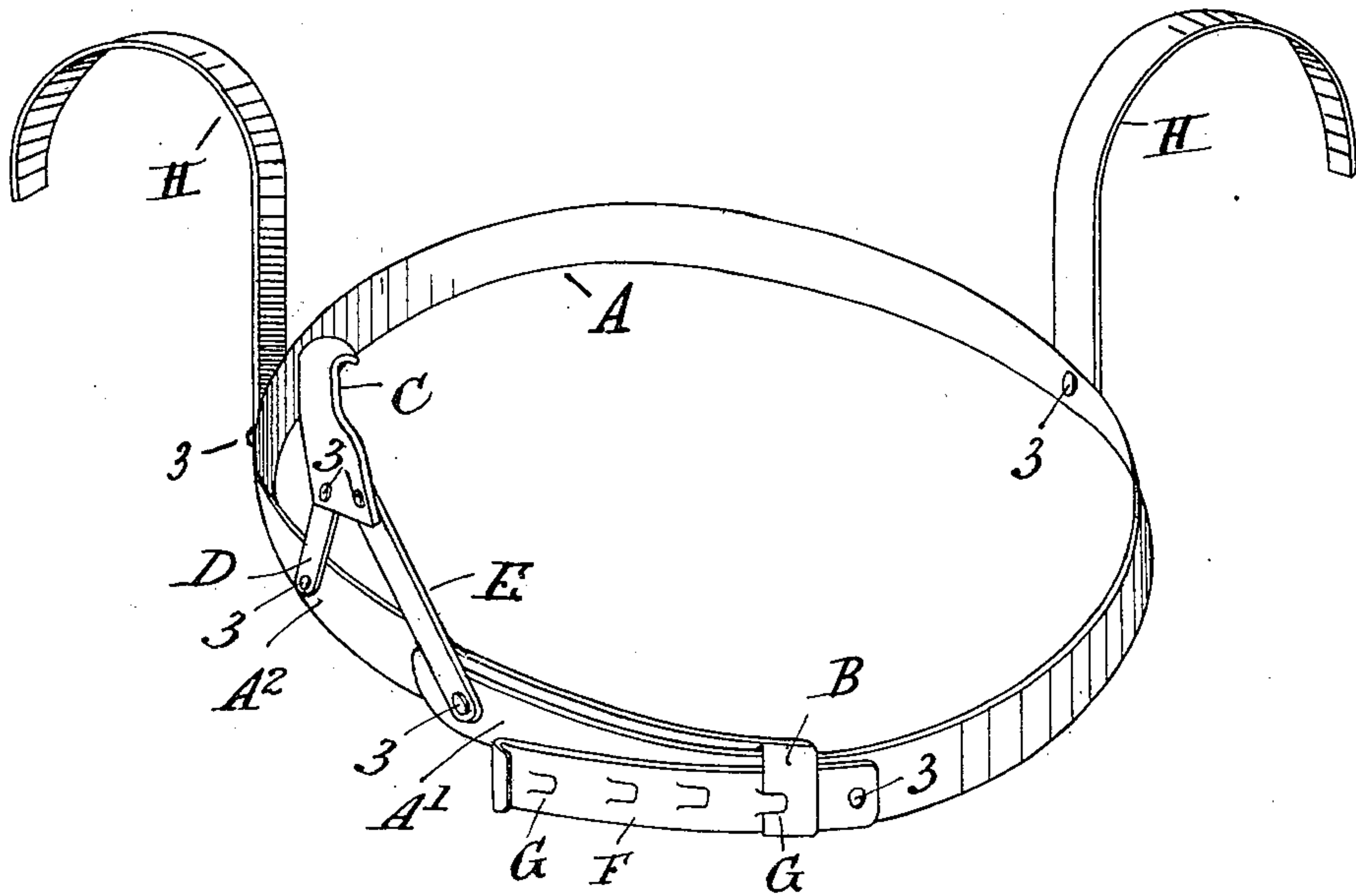


Fig 1

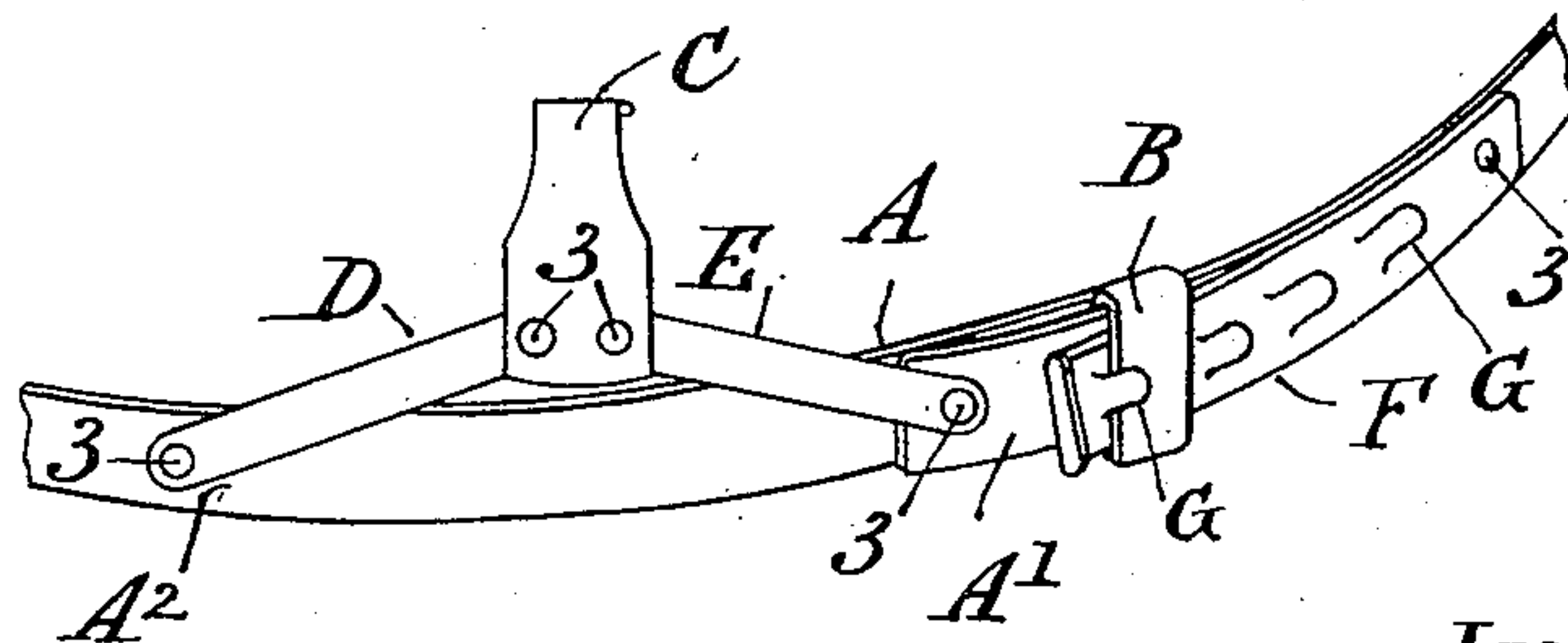


Fig 2.

Witnesses:

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UNITED STATES PATENT OFFICE.

WILLIAM JAMES MUIR, OF POOWONG EAST, VICTORIA.

BUCKET-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 659,591, dated October 9, 1900.

Application filed July 19, 1900. Serial No. 24,247. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM JAMES MUIR, a subject of the Queen of Great Britain and Ireland, residing at Poowong East, in the Colony of Victoria, have invented certain new and useful Improvements in Bucket-Supports and the Like; 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.

The object of this invention is to provide improvements in bucket-supports and the like. The particular application of the invention to which I shall refer in this description is the use of such a support by milkmen and dairymaids during the process of milking cows. It has been found in practice that the old practice of gripping and retaining the bucket between the knees for a considerable time during the process of milking involves a severe strain upon the physical strength and attention of the milker, and, furthermore, at times it ends in the loss or spilling of the milk. In order to avoid its being soiled by the ground and to avoid its being disturbed by the more or less restive movements of the cow, the bucket needs to be held up, and this I effect by the use of an adjustable band, which is adapted to be suitably engaged around the bucket and is combined with clasps adapted to rest upon the legs of the milker at any convenient part above each knee when the latter person is seated, and these clasps are capable of being easily removed. These main features and also sundry practicable modifications and minor details of the appliance will, however, be more fully understood by reference to the accompanying drawings, in which—

Figure 1 is a perspective view of the appliance in position to support a bucket of comparatively small size, while in Fig. 2 parts of the same appliance are shown in perspective view in the position taken by them when supporting a larger bucket.

Any suitable sizes, proportions, and designs of parts and kinds of material may be used. I find that when metal is used throughout the appliance answers admirably.

A is a flexible band one end of which has (or is attached to) a loop or the like B, and

the other end A' of which passes through the said loop B.

C is a catch or hook adapted to be engaged when desired with the rim of the bucket or like vessel or with any other suitable part, so as to produce a similar effect—viz., to prevent the fall of the band A from the bucket or vessel after it has been duly adjusted. In some cases there will be no need (to secure this effect) to engage catch C with the rim or other part of the bucket, and in those cases the part C will merely act as a connection between the parts D and E.

D and E are rigid connecting-links, each extending from a convenient part of the catch C to the band A, as at the point A² and the end A', respectively, the location of the said end being between the point A² and the loop B. At each point of the appliance, which is marked 3, is a rivet or other attachment made sufficiently loose or pivotal to allow the relative positions of the parts connected by such rivets or the like to be altered as required.

F is a tongue attached to the band A and passing through the loop B and having a series of projecting ears or lugs G of any suitable kind, those shown being stamped out of and integral with said tongue.

H shows clasps adapted to rest upon the legs of the milker, and these clasps are attached to suitable points of the band A, more or less opposite one another.

As will now be seen from the drawings, when one or other of the lugs G is engaged with the loop B the band A is thereby drawn to a particular size, and it thus may be drawn small enough to suit the diameter of any ordinary bucket. The tendency of the tongue to press outwardly against loop B keeps that lug G which is in engagement with loop B firmly in place. The bucket or other vessel being conical or otherwise larger above the band A than below it, the band cannot after adjustment be pulled up over the said bucket or vessel. The clasps H H may be replaced by any other known means of suspension without departing from the invention as regards the band and its other attachments.

It may, for instance, be desirable to use the appliance to grip and support buckets or like vessels otherwise than in connection with a person's limbs.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

5 1. In a bucket or pail holder the combination with an extensible band provided at one end with a loop, the other end of said band adapted to be passed through said loop and flexibly connected to the body of said band by means of rigid links, of means for adjusting the length of said band, substantially as described.

10 2. In a bucket or pail holder the combination with an extensible band provided at one end with a loop and at its other end flexibly secured to the body of the band, of a tongue, provided with lugs or ears, secured to said band and adapted to be passed through said loop for adjusting the length of said band, substantially as described.

20 3. In a bucket or pail holder the combination with an extensible band provided at one end with a loop, the other end of said band adapted to be passed through said loop, of rigid links pivotally secured to the body por-

tion of said band and said last-mentioned end, 25 a connection between said links, and a tongue, provided with lugs or ears, secured to said band and adapted to be passed through said loop for adjusting the length of the band, substantially as described.

30 4. In a bucket or pail holder the combination with an extensible band provided at one end with a loop, the other end of said band provided with a link and adapted to be passed through said loop, of a second link pivotally secured to the body of the band, a hook flexibly connecting said links, means for adjusting the length of said band, and means secured to said band for suspending the same, substantially as described.

40 In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

WILLIAM JAMES MUIR.

Witnesses:

G. G. TURIS,
W. H. CUBLEY.