

(No Model.)

H. J. GLASSER.
PANTS LEG GUARD.

No. 579,924.

Patented Mar. 30, 1897.

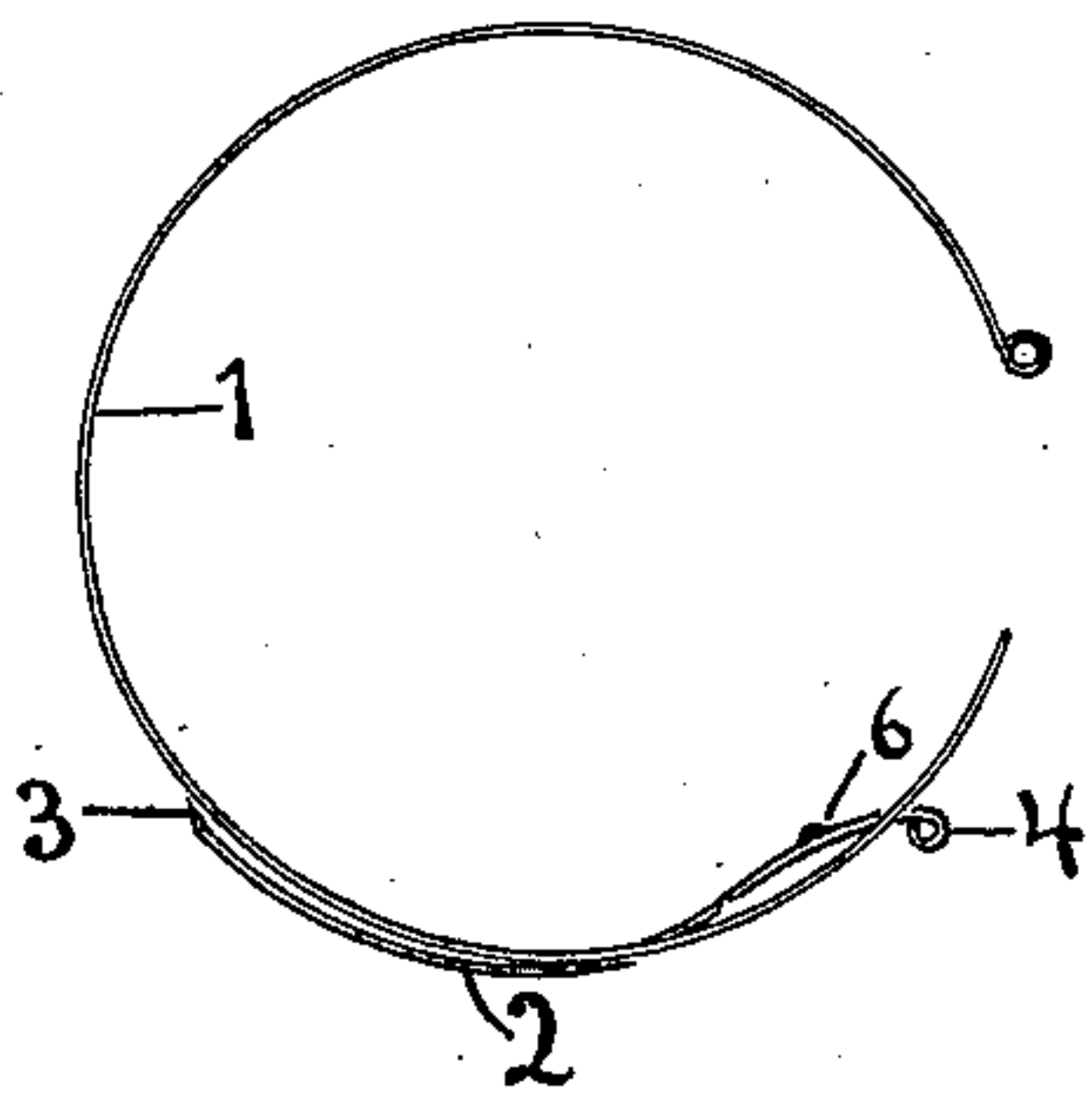


Fig. 3.

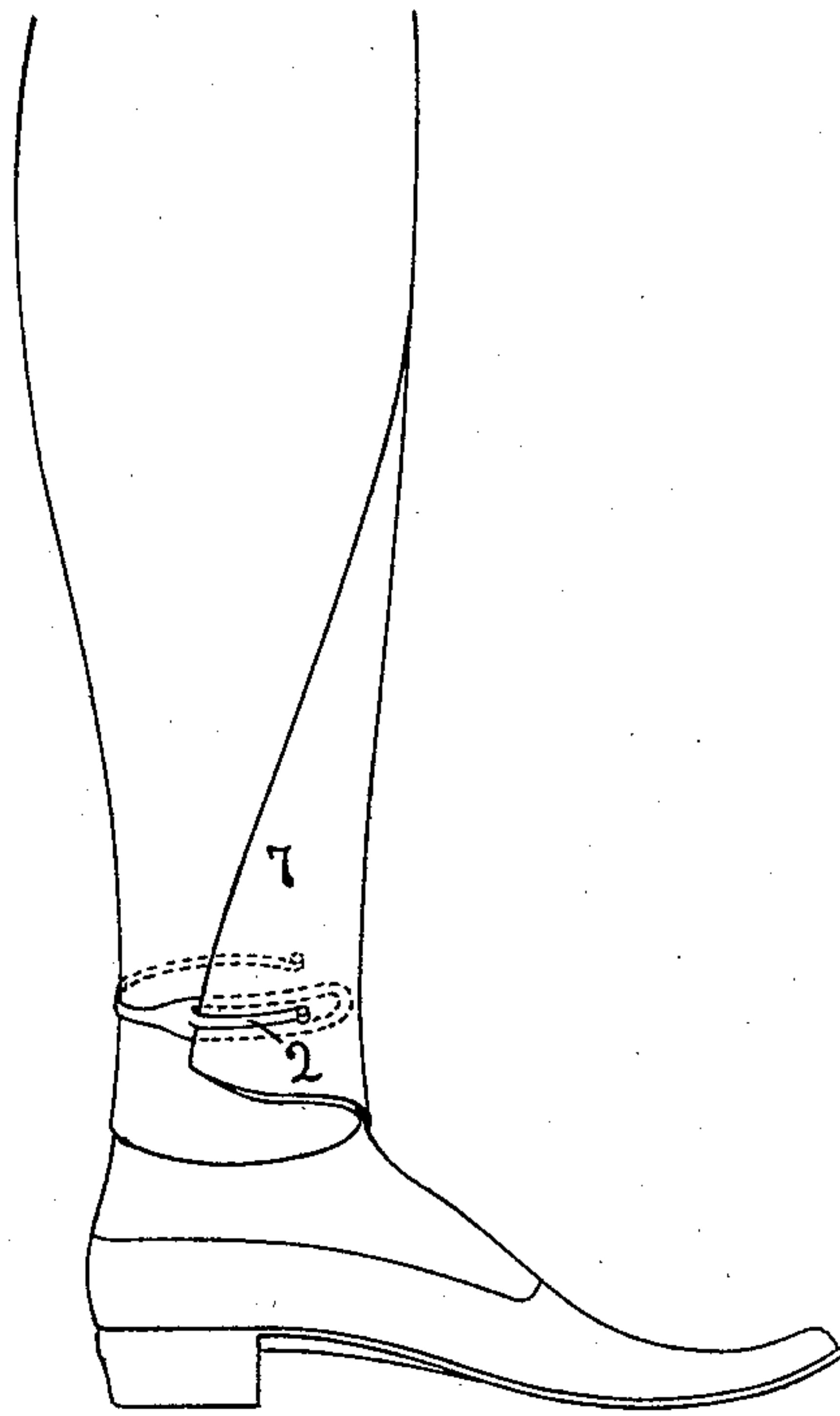


Fig. 1.

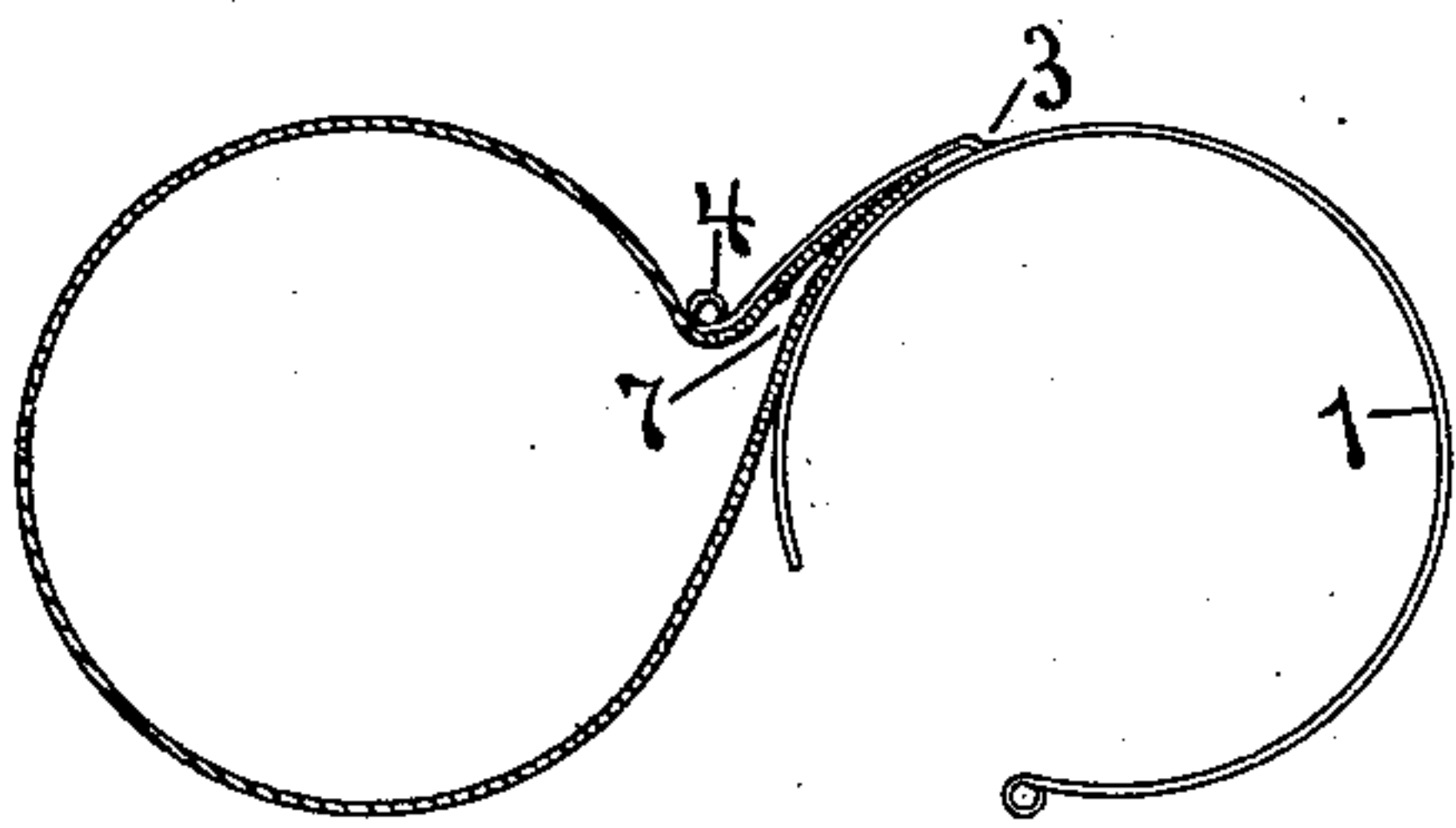


Fig. 4.

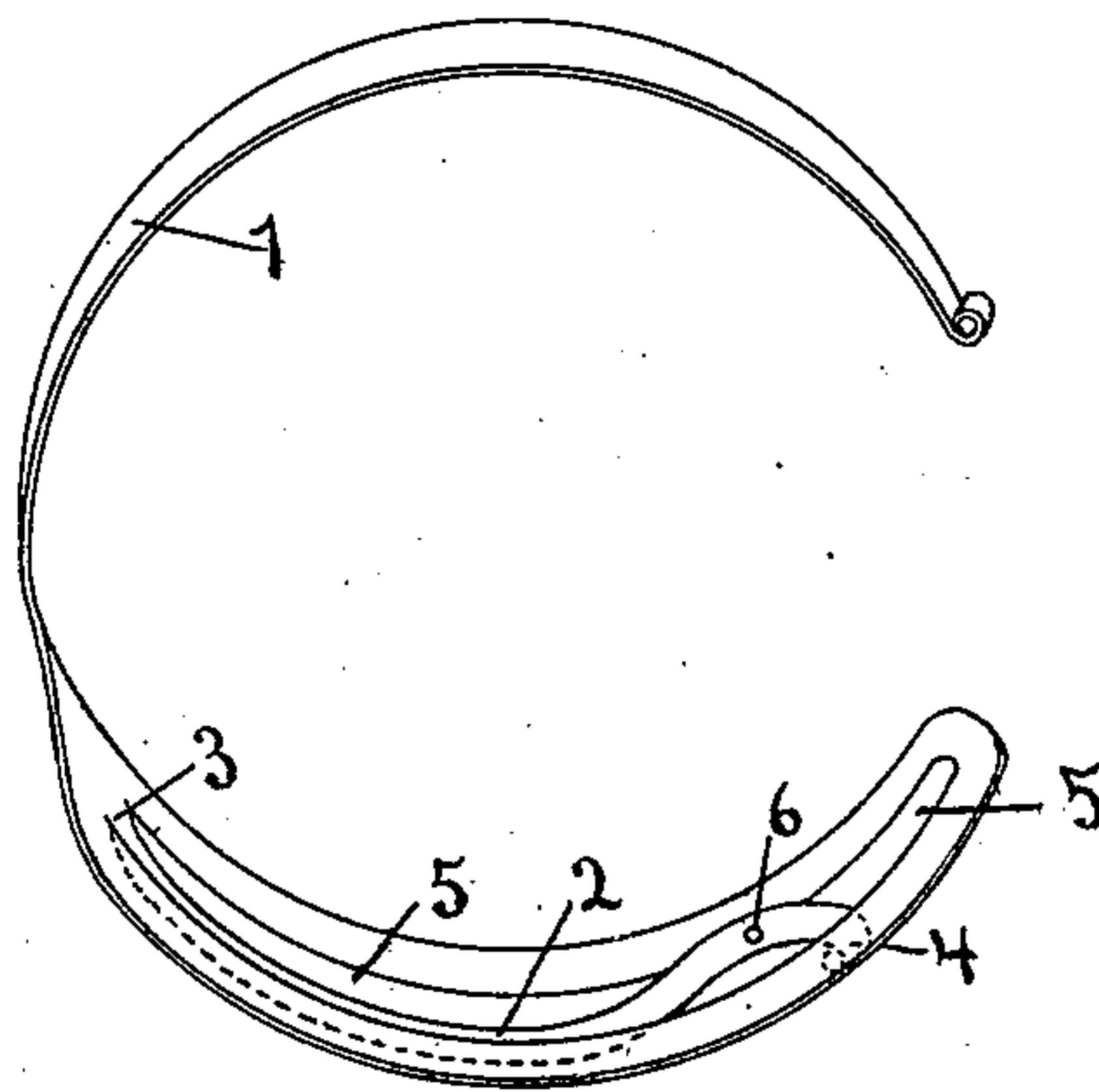


Fig. 2.

Witnesses:

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UNITED STATES PATENT OFFICE.

HENRY J. GLASSER, OF MINNEAPOLIS, MINNESOTA.

PANTS-LEG GUARD.

SPECIFICATION forming part of Letters Patent No. 579,924, dated March 30, 1897.

Application filed May 4, 1896. Serial No. 590,211. (No model.)

To all whom it may concern:

Be it known that I, HENRY J. GLASSER, a citizen of the United States, residing at Minneapolis, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in Pants-Leg Guards, of which the following is a specification.

My invention relates to pants-leg guards, which are used more particularly by wheelmen in riding bicycles, said guard being in the form of an open ring; and the object of my invention is to furnish a guard which will hold the loose part of the pants at the ankle snugly about the rider's leg and ankle, consisting of parts which are hereinafter more specifically set forth. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation showing my guard in position upon the right ankle of the rider, holding the pants about the same. Fig. 2 is a perspective view of the guard. Fig. 3 is a plan view of the same. Fig. 4 is a plan view showing in cross-section the fold of the pants held beneath the tongue of the guard, in which position the guard is first placed in adjusting the same upon the ankle of the rider.

Similar numerals refer to similar parts throughout the several views.

The guard consists of a spring band or body 1. Out of the body of the guard is struck a tongue 2, which is attached at its end 3 to the body of the guard. The free end 4 of the tongue 2 may be given a curl outward, so as to project slightly beyond the body of the guard, as shown in Fig. 3. The tongue 2 forms a spring which, as before stated, may be produced by cutting the same loose from the body of the guard, leaving a slot 5 in said body beneath the tongue. I prefer to give the tongue 2 at its end 3, where it connects to the body of the guard, a sharp turn outward, making the tongue project beyond the body of the guard for a portion of its length, while the tongue near its free end will, when not in use, normally project inward from the body of the guard for a short distance, the extreme end 4 again projecting outward slightly beyond the guard, all of which is best seen in Fig. 3.

A projection or knob 6, Fig. 3, is formed upon the inner side of the tongue 2 for purposes hereinafter mentioned. This projection may be made by simply indenting the tongue 2 from its outer side or by other suitable means.

In placing the guard upon the pants the fold of the pants 7 will be grasped by one hand, while with the other the guard will readily be slipped upon the fold in such manner that the fold is received between the tongue 2 and the body of the guard, as shown in Fig. 4. The free end of the guard is then brought around the leg, and the pants will be held in the position shown in Fig. 1. The tongue 2 will press the fold 7 of the pants against the body 1 of the guard. At the same time the knob 6 will tend to press said fold of the pants at that point down into the slot 5, and thereby the guard will be firmly held upon the fold at the point to which it is adjusted.

By reason of the fact that the tongue 2 toward its end 3 is in its normal position slightly outside of the body 1, as shown in Fig. 3, the fold 7 of the pants may be received between the tongue and the body of the guard at that point without interfering with the inward pressure of the free end of said tongue.

This pants-leg guard is designed to be an improvement upon that shown in the application, Serial No. 563,109, filed September 20, 1895, by Turner and Glasser, of which last-named invention I am a part owner. It will be readily seen that the device hereinbefore described will preserve perfectly the front crease in the pants-leg notwithstanding that the pants are held firmly about the ankle and leg of the rider. It will also be seen that the guard is very easy and inexpensive in manufacture, being so formed that the same may be struck out of a single strip of plain flat metal by automatic machinery.

No claim is made in this application to a pants-leg guard composed of wire so bent upon itself as to form near one end of the guard spring-jaws which are adapted to grasp and hold the fold of the pants, while the whole is adapted to encircle the leg and tightly clasp the pants about the leg.

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

1. In a pants-leg guard made from sheet metal a band in the form of an open ring having a tongue struck out of the body of the band, said tongue attached at one end to said body and said parts being adapted to receive and hold the fold of the pants between said body and tongue, substantially as shown and described.

2. In a pants-leg guard a spring-band in the form of an open ring, a tongue on the outer circumference of the band and attached at one end to the body of said band, the free end of said tongue projecting toward one end of the band and adapted to receive and hold the fold of the pants between said body and tongue, substantially as specified.

3. In a pants-leg guard a band in the form of an open ring, a tongue struck out of the body of the guard leaving a longitudinal slot in said body beneath said tongue, said parts being adapted to receive and hold the fold of the pants between said body and said tongue, substantially as herein shown and described.

4. In a pants-leg guard a spring-band in the form of an open ring, adapted to encircle the ankle, a spring-tongue attached at one end to the body of the guard with its other end projecting toward one end of the guard, a longitudinal slot in the body of the guard beneath the tongue, said tongue normally projecting slightly outward from said body near its said attached end, projecting through said slot slightly inward from the body near its free end when not in use, and again projecting slightly outward from the body at the

free end, substantially as shown and described.

5. In a pants-leg guard a band in the form of an open ring adapted to encircle the leg, a tongue attached at one end to the body of the guard while its free end projects toward one end of said body, said tongue having a projection or knob near its free end, and said parts being so adapted that when the fold of the pants is received between said tongue and body, the said knob and tongue are held by spring action against said fold, substantially as herein shown and described.

6. In a pants-leg guard a spring-band in the form of an open ring adapted to encircle the ankle, a spring-tongue attached at one end to the body of the guard, a longitudinal slot in the body of the guard beneath the tongue, said tongue normally projecting slightly outward from said body near its said attached end, projecting slightly inward from the body near its free end when not in use and provided with an inward-projecting knob at said inward projection, and said tongue again projecting slightly outward from the body at said free end, substantially as specified.

In testimony whereof I have hereunto affixed my signature in the presence of witnesses.

HENRY J. GLASSER.

Witnesses:

CHAS. S. CAIRNS,
ETTA MCCALL.