

953,818.

G. CHAMBERS.  
HOPPLE.  
APPLICATION FILED JAN. 18, 1909.

Patented Apr. 5, 1910.

FIG. 1.

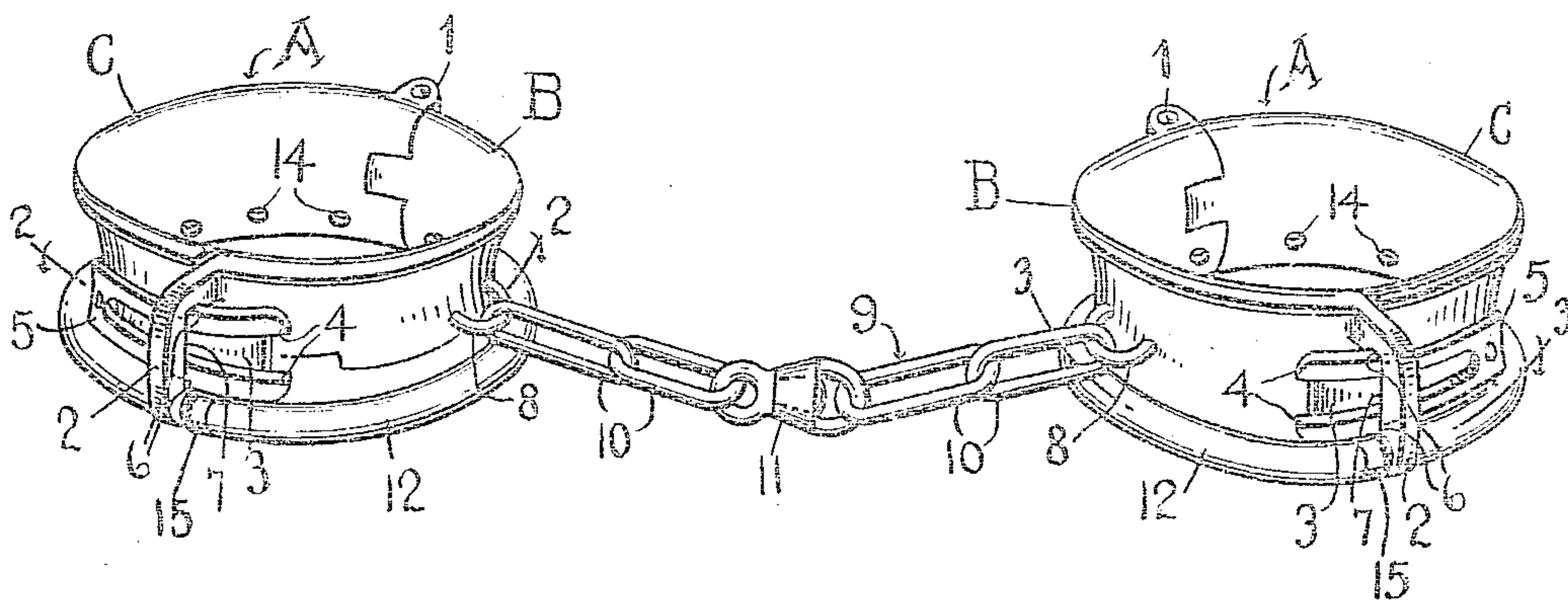


FIG. 2.

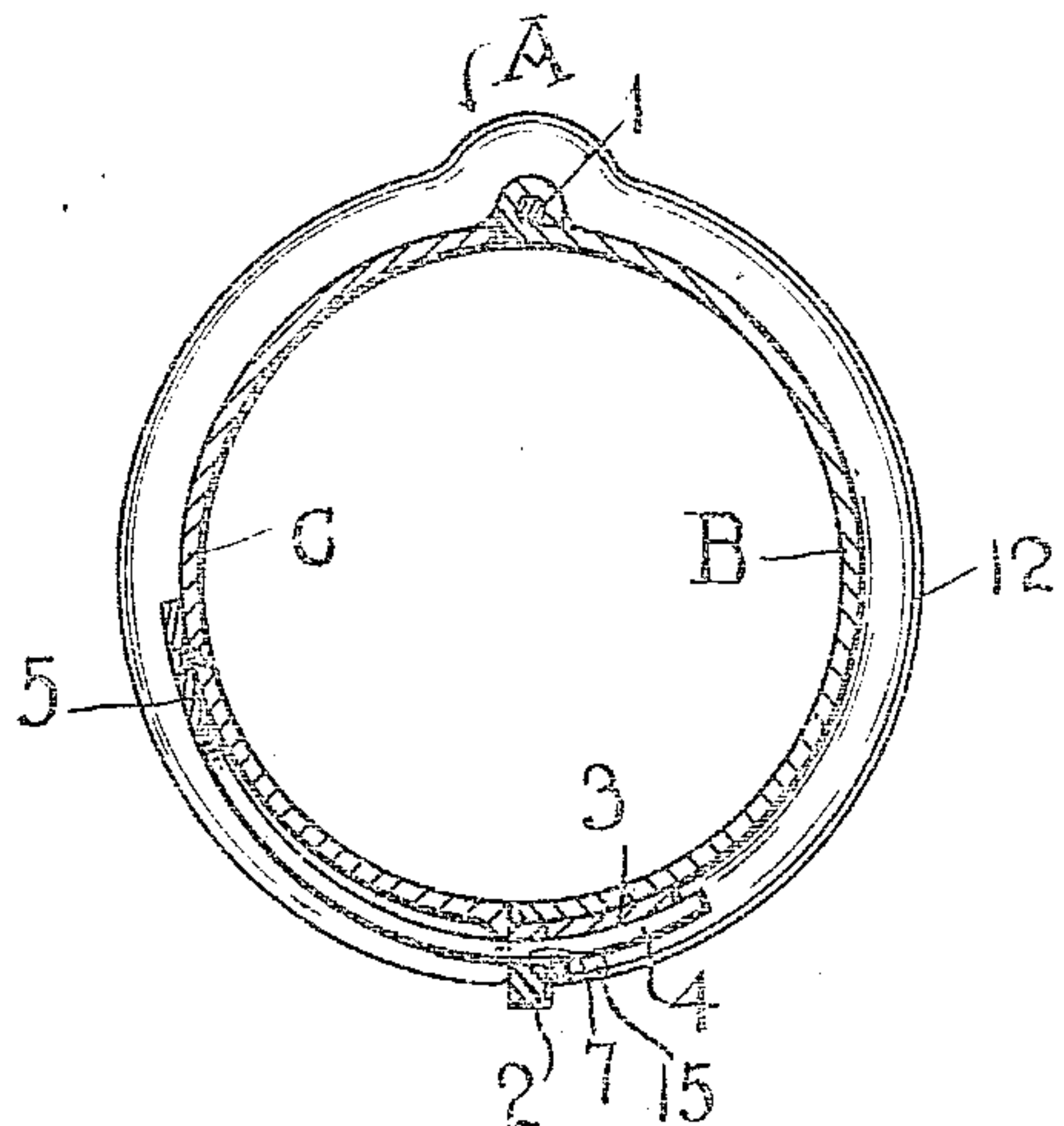
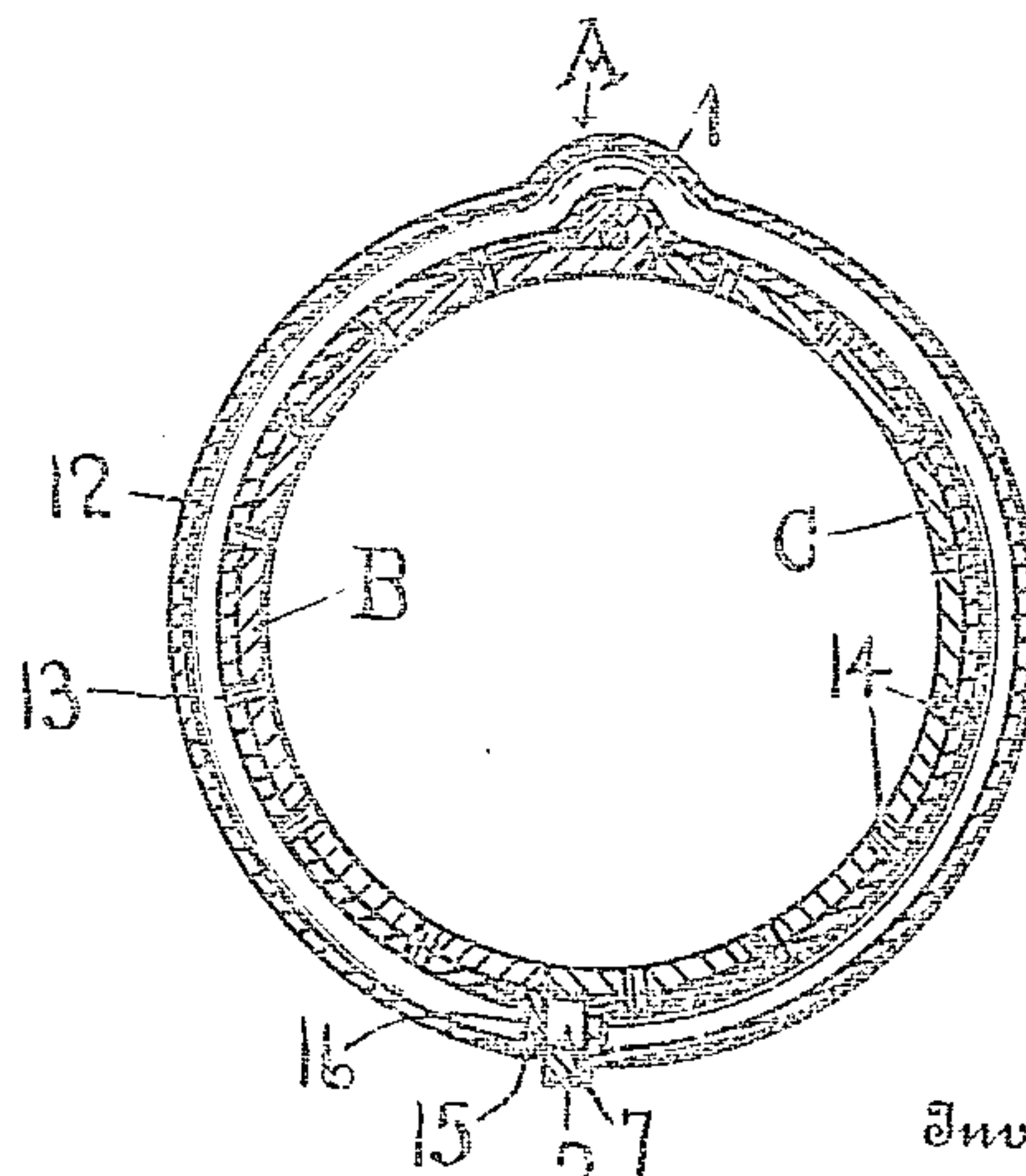


FIG. 3.



Witnesses  
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# UNITED STATES PATENT OFFICE.

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HOPPLE.

953,818.

Specification of Letters Patent.

Patented Apr. 5, 1910.

Application filed January 18, 1909. Serial No. 472,880.

*To all whom it may concern:*

Be it known that I, GEORGE CHAMBERS, a citizen of the United States, residing at Ontario, in the county of Malheur and State of Oregon, have invented certain new and useful Improvements in Hopples, of which the following is a specification.

This invention relates to improvements in hoppers and more particularly to devices of this kind whereby the treatment of ring-bone and kindred diseases may be effected by means of a member secured to the hopple ring or cuff which will feed medicated ointment through the cuff to the affected parts surrounded thereby.

The object of this invention is to provide a device, as hereinafter described that can be cheaply manufactured, safely secured in locked position, and which will steadily supply the diseased foot with ointment.

With these and other objects in view this invention will be more fully understood from the accompanying drawings and specification hereunto annexed.

In the accompanying drawings, which are to be taken as a part of this specification, and in which I have merely shown a preferred form of embodiment of the invention: Figure 1 is a perspective view of the invention; Fig. 2 is a section on line 2—2 of Fig. 1; and Fig. 3 is a section on line 3—3 of Fig. 1.

This invention consists mainly of a pair of substantially circular rings A each of which comprises a pair of substantially semi-circular sections B and C. The section B which is hinged to the section C as at 1, is provided at its opposite extremity with a radially projecting vertically slotted lug 2 through which is adapted to enter a guide tongue 3 preferably cast integral with the section C and a separable pair of spring fingers 4 of a hasp member 5. The upper- and lowermost faces of these spring fingers are cut to form stop shoulders 6 which when engaging the said vertical slot in the lug 2 will bear against the opposite face of the lug from which they are entered. It will be seen that by providing the bifurcated spring the danger of opening the cuff by an acci-

dental glancing blow is minimized. Projecting from the side midway between the hinges and hasps of each of these rings A is a semi-circular ring 8 to which is fastened a link chain 9 comprising ordinary links 10 spaced apart by a swiveled link 11 which allows either section to be turned without twisting or separating the chain. Surrounding these semi-circular sections are tubes 12 having their inner peripheries perforated as at 13 to aline with like perforations 14 in the semi-circular sections B and C. This tube is provided with a cap 15 at one end, which closes the hole 16 through which is introduced the ointment. If it is desired to have these tubes detachable, they can be made of any spring material that will tend to firmly grasp the outside periphery of the metal sections, but if it is desired to rigidly secure them thereto they, of course, will not need to be made of spring material, but can be fastened in any other suitable way to the metal sections.

It is to be understood that materials, sizes, shapes, and relative proportions are not of the essence of this invention, except as they may fall within the scope of the appended claims, wherein the real invention is defined.

I am aware that prior to my invention hoppers have been made embracing some of the same features as the hoppers covered by my application, but none constructed wholly of metal, and it is this I claim as a distinguishing and superior feature. Hoppers constructed of leather, as all are in whole or in part, often abrade or rub the animals' legs where attached, and when worn on the range and in the mud become stiff and rigid and accumulate sand and dirt and wear off the hair and often the skin on the leg of the animal, producing lameness, and when in such condition it is very often impossible to remove the same without cutting them off and destroying; all these things are avoided by the all-metal hopple.

What I claim is:—

1. A hopple comprising an all metal limb embracing portion having a series of apertures therein, and a metal surrounding tube

adapted to contain a medicament and having perforations in its wall adapted to register with said first named perforations.

2. A hopple comprising a limb-embracing portion and means for applying a medicament to all sides of the limb, said means being resiliently attachable to said hopple.

3. A medicament dispensing tube for attachment to a hopple comprising a curved

tube closed at one end and having perforations on its periphery, and a cap closure for its open end.

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

GEORGE CHAMBERS.

Witnesses:

GUY W. BARNUM,

A. N. SOLISS.