

No. 895,852.

PATENTED AUG. 11, 1908.

D. GIROUARD.
URINARY APPARATUS.
APPLICATION FILED NOV. 25, 1907.

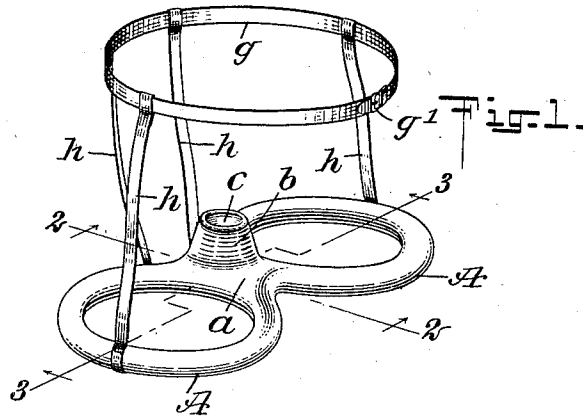
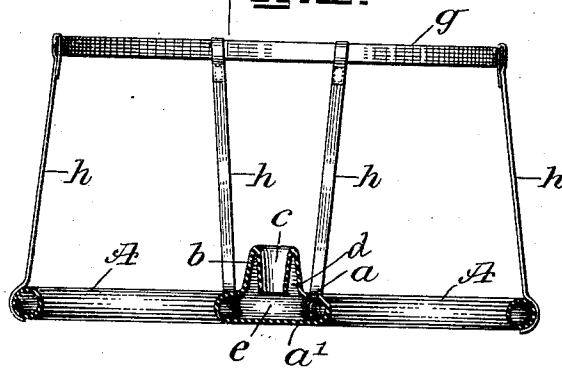
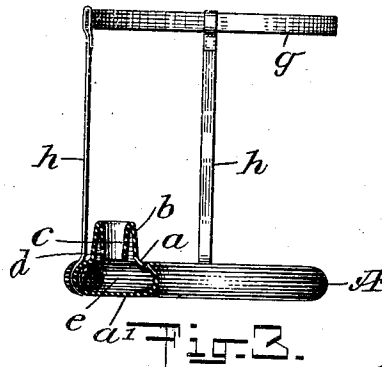


Fig. 2.



WITNESSES

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DAVID GIROUARD, OF LEOMINSTER, MASSACHUSETTS.

URINARY APPARATUS.

No. 895,852.

Specification of Letters Patent.

Patented Aug. 11, 1908.

Application filed November 25, 1907. Serial No. 403,628.

To all whom it may concern:

Be it known that I, DAVID GIROUARD, a citizen of the United States, and a resident of Leominster, in the county of Worcester and State of Massachusetts, have invented a new and Improved Urinary Apparatus, of which the following is a full, clear, and exact description.

This invention relates to appliances for the reception of urine, discharged involuntarily or otherwise, by those afflicted with urinary incontinence; and the purpose of the invention is to provide novel details of construction for a urinary apparatus, which are simple, practical and efficient in service, and adapt the device for convenient and comfortable wear upon the person continuously, if necessary, ready for instant service as occasion may require.

The invention consists in the novel construction and combination of parts, as is hereinafter fully described and defined in the appended claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views.

Figure 1 is a perspective view of the improved urinary apparatus; Fig. 2 is a transverse sectional view, taken substantially on the line 2—2 in Fig. 1, and Fig. 3 is an enlarged transverse sectional view, substantially on the line 3—3 in Fig. 1.

The urinary apparatus, as shown in the drawings, consists of a receiver for voided urine, formed of pliable waterproof material, such, for example, as vulcanized rubber, that is molded or otherwise fashioned to give it proper form. Specifically considered, the receiver consists of two similar tubular receptacles A, each having circular form and a sufficient capacity for effective service. The ring-like hollow receptacles A, A, are held side by side, and disposed in the same plane by the integral junction walls *a*, *a'*, whereby they are united and rendered as capable as if one vessel for holding liquid without leaking.

An opening is formed in the normally upper junction wall *a*, and surrounding said opening is a tubular nipple *b*, which projects

a suitable distance above the wall with which it is integrally formed. The nipple *b*, is returned within itself, in the form of an annular flange *c*, that is integral with the nipple and is of such reduced diameter as to be spaced therefrom by an annular channel *d*, which is in open communication with the chamber or space *e* between the hollow rings A, A. It will be noted that the nipple *b* is positioned near the peripheral surface of the chamber *e*, which disposes it for convenient access thereto, as will be hereinafter explained.

A pliable girding band *g*, is connected with the receptacles A, A, by a plurality of hanger straps *h*, four being shown, said band having a buckle *g'* at one end thereof, to permit an encircling adjustment of said band upon the waist of the wearer of the device. The hanger straps *h* are so arranged that the receptacles A, A, will be supported thereby in a level position.

To apply the urinary apparatus, the lower limbs of the user thereof are respectively passed down through the ring-like receptacles A, A, and the latter are drawn up over the thighs with the nipple *b* at the front. Then the band *g* is buckled around the body of the person, high enough thereon to adapt the hanger straps *h* for holding the receptacles A, A, in position. When the patient has occasion for using the urinary apparatus, the male organ is introduced into the nipple *b* through the annular flange *c*, which latter by its constriction, will prevent any escape of liquid from the receptacles A, A.

The improvement is of a character that adapts it for comfortable wear by invalids, aged persons, paralytics, or those suffering from diabetes or the like, that causes an involuntary discharge of urine.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

A urinary apparatus, comprising two similar ring-like tubular receptacles, formed of pliable waterproof material, said receptacles being joined together water tight by spaced connecting walls that are integral with the peripheries thereof, a tubular nipple formed

integral with the upper connecting wall, said
nipple having a depending annular flange
within it, and means for supporting the uri-
nary apparatus on the lower limbs of the
5 wearer, consisting of a waist encircling band
and hanger straps that extend between the
band and the receptacles.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

DAVID GIROUARD.

Witnesses:

ALEXANDER SNOW;
F. WARD HEALEY