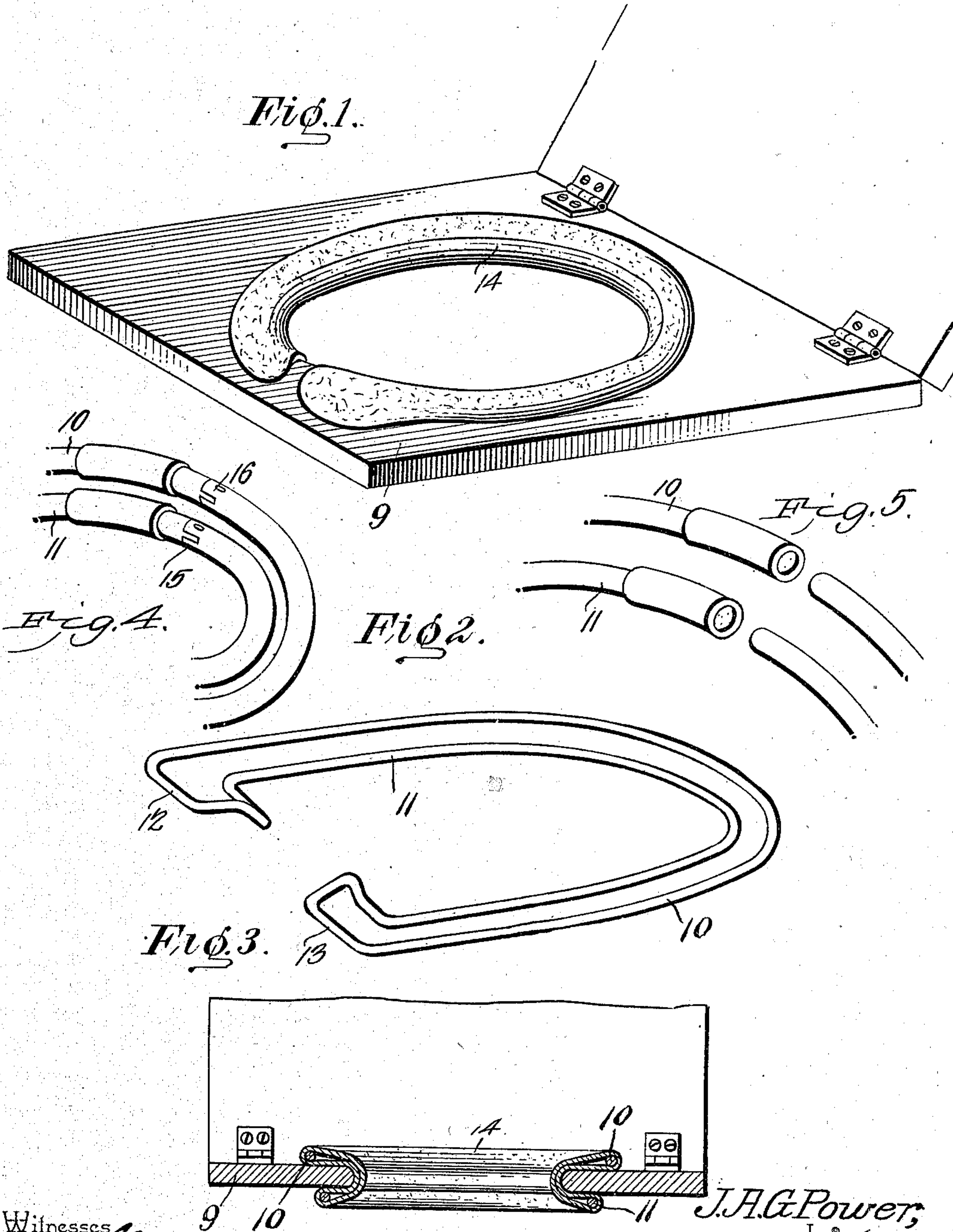


No. 723,021.

PATENTED MAR. 17, 1903.

J. A. G. POWER.
WATER CLOSET SEAT PROTECTOR.
APPLICATION FILED JAN. 19, 1903.

NO MODEL.



Witnesses
E. J. Stewart
C. H. Woodward

by

J. A. G. Power
C. A. Snow & Co.
Attorneys

J. A. G. Power,
Inventor.

UNITED STATES PATENT OFFICE.

JAMES A. G. POWER, OF JOPLIN, MISSOURI.

WATER-CLOSET-SEAT PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 723,021, dated March 17, 1903.

Application filed January 19, 1903. Serial No. 139,650. (No model.)

To all whom it may concern:

Be it known that I, JAMES A. G. POWER, a citizen of the United States, residing at Joplin, in the county of Jasper and State of Missouri, have invented a new and useful Water-Closet-Seat Protector, of which the following is a specification.

This invention relates to water-closets, and has for its object to produce an attachment for the seat in the form of a cushion or protector which may be readily attached or detached to serve as a supplemental seat or cover to the seat.

The invention consists in certain novel features of construction, as hereinafter shown and described, and pointed out in the claims.

In the drawings, in which corresponding parts are denoted by like designating characters, Figure 1 is a perspective view with the device applied. Fig. 2 is a perspective view of the wire frame detached. Fig. 3 is a transverse section. Figs. 4 and 5 are enlarged perspective details illustrating modifications in the construction.

The device may be attached to any of the ordinary closet-seats now in use and will readily adapt itself to changes in form. The seat is indicated at 9, having the usual aperture therethrough.

The improved device consists in an expandible wire frame adapted to embrace the seat and likewise support the fabric cover and maintain it in position to be readily attached and detached. The wire frame is constructed of a single piece of wire bent into a substantially U form with spaced sides 10 11, the portion 10 larger than the portion 11 and connected at the ends 12 13 with the part 11 out of transverse alinement relative to the part 10, as indicated. The extremities of the leg members of the frame are extended inwardly, as indicated, leaving a space between the ends which will come opposite the front of the seat. The wire frame is adapted to be "sprung" into engagement with the seat and will possess sufficient resiliency to maintain it in position by its own expansive force, but which will yield to a force sufficient to dislodge it. The wire frame will be provided with a fabric covering 14, conforming to the shape of the frame and the seat upon which it is to be used, and which will be in the

form of a substantially U-shaped curved tubular envelop closed at the ends and entirely concealing the wire frame, as indicated in Fig. 1. By this simple arrangement when the frame is sprung into engagement with the seat, as indicated in Fig. 3, the fabric envelop 14 will form a border around the interior of the seat, except a short gap at the front, and will entirely protect the user not only from contact with the cold seat, but also from any possible contamination therefrom.

The device will be found especially valuable in hospitals, sanatoriums, and for the use of invalids and delicate persons.

The protector may be formed of any size and of any suitable material and may be manufactured at very small cost. They may be carried by travelers, tourists, or other persons and being so inexpensive and simple in construction and so readily attached and detached as to add practically nothing to the burdens of travel. A number of the devices may be provided for each closet to enable them to be frequently changed when necessary or to provide each person using the closet with a separate protector, thereby providing each person practically with an individual closet.

If preferred, the frame may be formed in two or more sections hinged together, as at 15 16 in Fig. 4, or arranged with the adjacent ends telescopically united, as in Fig. 5, or united in any other suitable manner, so that the parts may be folded to occupy a smaller space for convenience of transportation; but this would not be a departure from the principle of the invention or sacrifice any of its advantages.

Having thus described my invention, what I claim is—

1. A detachable cover for water-closet seats, consisting of an expandible frame and a fabric cover retained in position upon the frame and upon the seat by the frame, substantially as described.

2. A detachable cover for water-closet seats consisting of an endless expandible frame of wire bent into substantially U shape with the extremities extending inwardly and adapted to yieldably engage the closet-seat, and a fabric cover for the frame and supported in position thereby, substantially as described.

3. A detachable cover for water-closet seats consisting of an expansible frame formed of a single piece of wire bent into substantially U shape with spaced side members united at the
5 ends and extending inwardly at their united ends and adapted to embrace the inner edges of the seat-opening, and a fabric covering to said frame retained in place thereby, substantially as described.

10 4. A detachable cover for water-closet seats consisting of an expansible frame formed of two spaced substantially U-shaped wire mem-

bers of unequal size and united at their ends and out of alinement transversely and adapted to yieldably engage the seat, and a fabric
15 cover to said frame retained in position thereby, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

JAMES A. G. POWER.

Witnesses:

C. G. HAYNIE,
J. L. POWER.