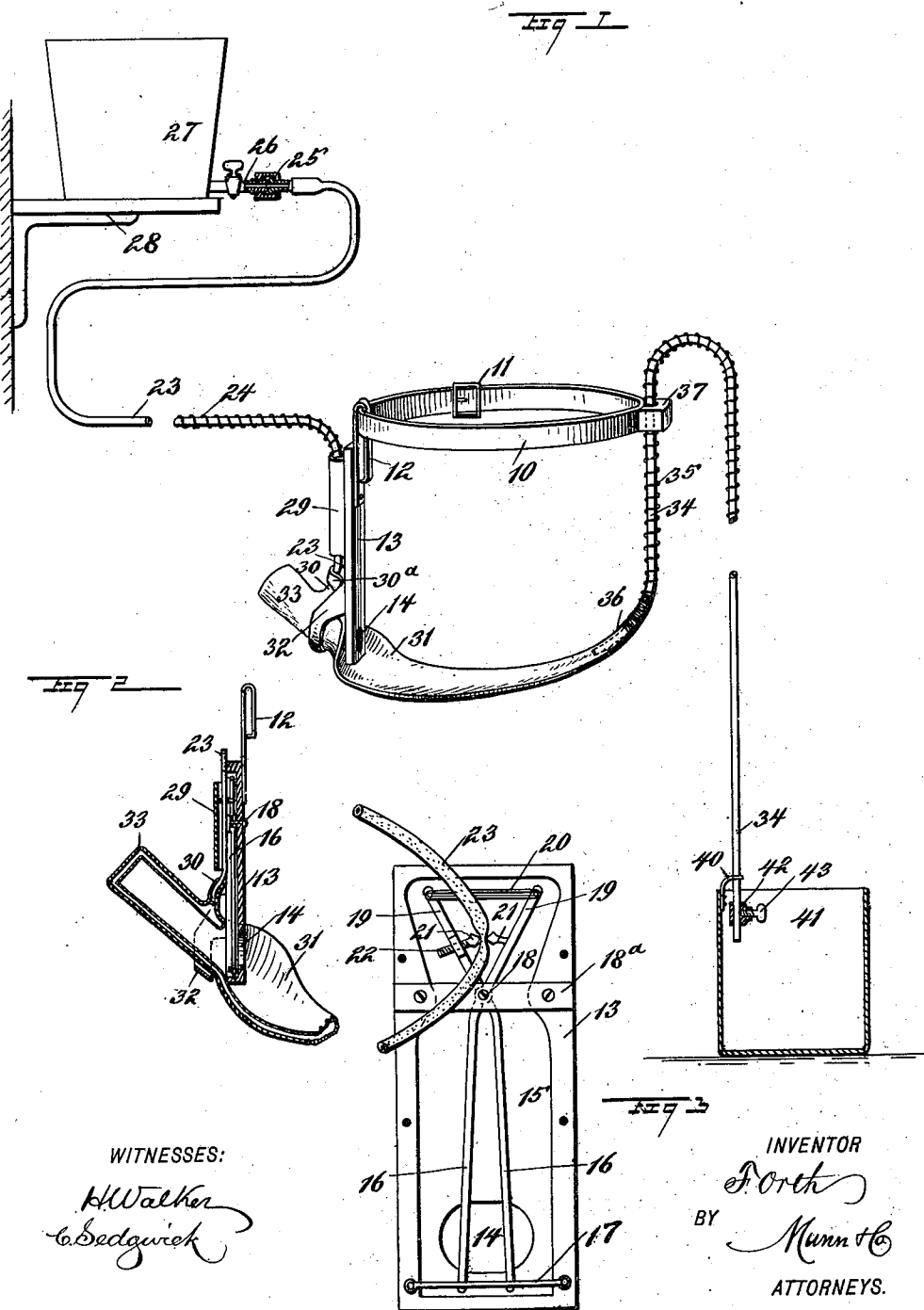


(No Model.)

F. ORTH.
SURGICAL APPLIANCE.

No. 494,437.

Patented Mar. 28, 1893.



UNITED STATES PATENT OFFICE.

FRANK ORTH, OF ASTORIA, OREGON.

SURGICAL APPLIANCE.

SPECIFICATION forming part of Letters Patent No. 494,437, dated March 28, 1893.

Application filed October 8, 1892. Serial No. 448,235. (No model.)

To all whom it may concern:

Be it known that I, FRANK ORTH, of Astoria, in the county of Clatsop and State of Oregon, have invented a new and Improved Apparatus for Preventing Nocturnal Emissions, of which the following is a full, clear, and exact description.

My invention relates to improvements in apparatus for preventing nocturnal emissions, and the object of my invention is to produce a simple apparatus which may be easily applied and worn, and which is automatically operated by an erection so as to cause the parts affected to be embraced by a chilling envelope which causes the erection to subside without a discharge.

To this end, my invention consist in certain features of construction and combinations of parts, which will be hereinafter described and claimed.

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

Figure 1 is a broken side elevation, with parts in section, of the apparatus. Fig. 2 is a detail vertical section view of the mechanism for controlling the water supply to the chilling envelope or sack; and Fig. 3 is a front elevation of the lever plate and the levers which control the supply pipe, parts being removed to clearly show the levers.

A belt 10 is used to fasten around the waist of the patient, and is provided with a suitable adjusting buckle 11. The belt extends through a keeper 12 on the upper end of a plate 13, which plate is adapted to lie upon the belly and has, near its lower end, a hole 14, in which the penis of the patient is inserted. The front side of the plate 13 is recessed, as shown at 15, and extending longitudinally of the recess are levers 16, the lower or free ends of which diverge slightly and those lower ends are held to swing laterally behind a keeper bar 17 which extends across the recess and is secured to the plate. The lower ends of the levers are arranged opposite the hole 14 and are adapted to clasp loosely the penis which extends through the hole. The levers 16 are pivoted near their upper ends, as shown at 18, to a crossbar 18^a and to the plate 13, and the upper ends of the levers diverge above the

pivot, as shown at 19 in Fig. 3, the diverging ends being pressed toward each other by an elastic band 20, although a light spring may be substituted for the band. The diverging end portions 19 carry inwardly extending jaws 21, one of which has a screw shank 22 by which the distance between the jaws may be adjusted. These jaws act as a pinch cock and impinge upon a flexible tube 23 leading to a cold water supply and the tube is incased in a spiral coil 24, of wire, which stiffens the tube and prevents it from being accidentally closed by the movement of the patient or the weight of the bed clothes. The upper end of the tube connects by means of a coupling 25, which permits the tube to turn, with a faucet or tap 26 of a tank 27 which may be of any form desired and when in use is supported upon a shelf 28, or other support above the bed in which the patient lies. The lower portion of the tube extends behind keepers 29 and 30^a on the front of the plate 13 and connects, as shown at 30, with a sack or envelope 31, which is supported in a hanger 32 on the lower front portion of the plate 13. The sack or envelope has hollow walls between which the tube 23 delivers, as shown in Fig. 2 and the front portion of the sack or envelope is formed into a hood 33, which extends forward from the hole 14 in the plate 13 and is adapted to receive the penis. The body portion of the sack or envelope is very much elongated and is adapted to extend back between the legs of the patient, the forward portion being widest so as to receive the testicles. An outlet tube or pipe 34, which is also flexible, and is incased by a wire spiral coil 35, leads from the rear end of the sack or envelope and is held in a block 37 on the back of the belt 10. The tube 34 is long enough to extend from a bed to an adjacent vessel in which it discharges. The lower portion of the tube is held in a guide 40 on the edge of the vessel 41 into which the tube delivers. On the lower end of the tube is a clamp 42 carrying a screw 43 which impinges on the tube and by which the flow of water through the tube may be regulated.

The apparatus is applied by buckling the belt 10 around the waist so as to bring the plate 13 in front and the body of the sack or envelope between the legs. The penis is in-

serted in the hole 14 and between the levers 16 so as to extend into the hood 33. The pinch
 5 cock or jaws 21 normally hold the tube 23 closed, but if during the night, an erection
 occurs, the dilation of the penis spreads the
 10 levers 16, thus separating the jaws 21, and permitting the cold water to flow through the tube to the sack or envelope. The cold wa-
 ter fills the hollow walls of the sack or en-
 15 velope, and cools the organs of generation, so that the erection subsides and no discharge occurs. The water passes off through the tube 34 and is delivered into the vessel 41.

Having thus described my invention, what
 15 I claim as new, and desire to secure by Letters Patent, is—

1. An apparatus of the character described, comprising a sack or envelope having hollow
 20 walls and adapted to be applied to the male organs of generation, a tube connected with the sack or envelope and with a source of cold water supply, an outlet tube leading from the
 25 sack or envelope, and means for automatically operating the said supply tube by the distention of the penis substantially as shown and described.

2. An apparatus of the character described, comprising a waist belt, a hollow-walled sack
 30 or envelope suspended from the belt and adapted to embrace the male organs of generation, a cold water supply tube connected with the sack, a device to control the supply tube, and levers extending across the sack
 35 opening and arranged to operate by the distention of the penis and adapted to open the said controlling device, substantially as shown and described.

3. An apparatus of the character described, comprising a waist belt, a perforated plate
 40 suspended from the belt and adapted to lie upon the body of the wearer, a hollow walled sack or envelope arranged at the lower end of the plate and adapted to embrace the male
 45 organs of generation, a tube connected with the sack and with a source of cold water supply, levers fulcrumed on the plate and having their lower ends extending opposite the perforation in the plate and their upper ends
 50 provided with jaws which impinge on the supply tube, and an outlet for the sack, substantially as shown and described.

4. An apparatus of the character described, comprising a waist belt, a plate suspended
 5 from the front of the belt and having a hole therein, a hollow walled sack or envelope sus-
 55 pended from the plate and belt, the sack having its front portion formed into a hood held in front of the hole in the plate and its rear
 60 portion elongated, a tube connected with the front portion of the sack and with a source of cold water supply, swinging levers arranged with their lower portions opposite the plate
 65 hole, the levers having diverging upper ends, jaws carried by the upper ends of the levers and held to normally clasp the the supply
 70 tube, and an outlet tube leading from the rear portion of the sack and held in a support on the back of the belt, substantially as shown and described.

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Witnesses:

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 JAMES ORIEL HAWTHORN.