

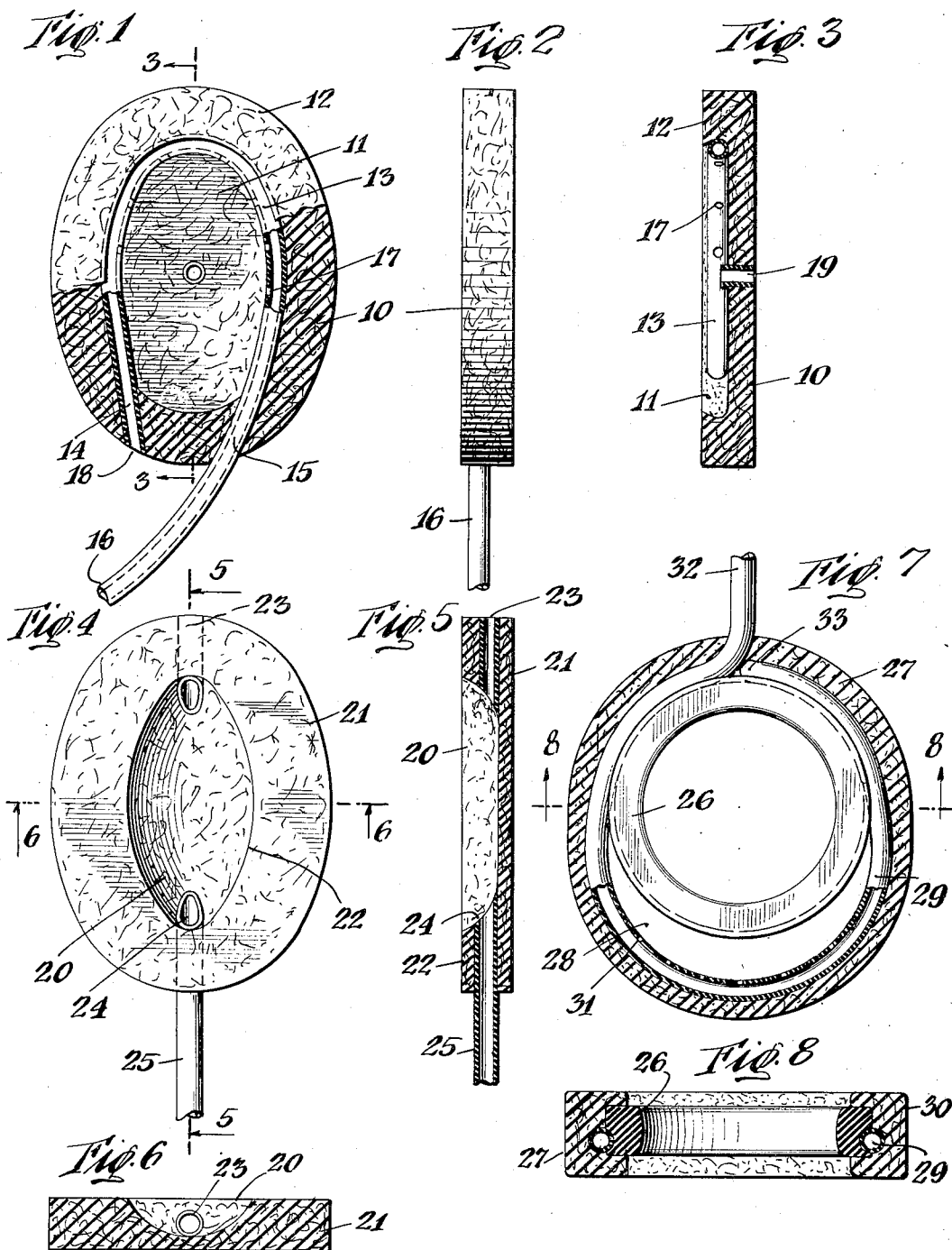
Oct. 22, 1935.

L. SAVALLY

2,018,322

SUPRAPUBIC DRAINER

Filed Oct. 29, 1934



INVENTOR
Leo Savally
BY *George C. Hennings*
ATTORNEY

UNITED STATES PATENT OFFICE

2,018,322

SUPRAPUBIC DRAINER

Leo Savally, New York, N. Y.

Application October 29, 1934, Serial No. 750,483

2 Claims. (Cl. 128—350)

This invention relates to draining devices to be used in various surgical operations for draining all kinds of wounds by the removal of blood, pus, mucus or other secretions, and particularly to a suprapubic drainer, and it is the principal object of my invention to provide a perineal drainer of simple and therefore inexpensive construction yet durable and highly efficient in use.

Another object of my invention is the provision of a perineal drainer including a body of flexible material in which is arranged a perforated discharge duct extending to the outside for the discharge of secretions resulting from an operation. The body has a central depression to be placed over a wound and in which a vacuum is created, while absorbent cotton or the like may be placed into said depression and the body be held in place by any suitable bandage.

Still another object of my invention is the provision of a perineal drainer of flexible material to cover a wound resulting from an operation and provided with means to discharge secretions and provided with suitable air ducts, suitably closed during the creation of the vacuum.

A further object of my invention is the provision of a perineal drainer preferably to be used in operations on the prostate gland and equipped with a holder or support held by the scrotum and the penis of a male and combined with a perineal drainer consisting of a drain tube or duct and air vents and to be held in place by any suitable bandage.

A still further object of my invention is the provision of a device for draining the secretions of wounds after operations which will effectively collect and drain the secretions and provide the necessary ventilation and is conveniently kept in position over a wound.

These and other objects and advantages of my invention will become more fully known as the description thereof proceeds and will then be specifically defined in the appended claims.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a top plan view of a suprapubic drainer constructed according to my invention, partly in section.

Fig. 2 is an edge view thereof.

Fig. 3 is a section on line 3—3 of Figure 1.

Fig. 4 is a top plan view of a modified form of my perineal drainer.

Fig. 5 is a section on line 5—5 of Figure 4.

Fig. 6 is a section on line 6—6 of Figure 4.

Fig. 7 is a sectional top plan view of a perineal

drainer to be used in operations on the prostate gland.

Fig. 8 is a section on line 8—8 of Figure 7.

As illustrated in Figures 1, 2 and 3, the perineal drainer according to my invention consists of a substantial oval body 10 of flexible material such as for instance sponge rubber or the like which is formed in its center with a depression 11 for the reception of antiseptic material and surrounded by the higher or upright margin 12.

A drain pipe or duct 13 is guided along the inner wall of the margin 12 and has one of its ends anchored therein, as at 14, while its other end 15 is passed through the margin to the outside extending therefrom for a suitable length, 16 as at 16.

The inner wall of the duct 13 is provided with a plurality of perforations 17 for the drainage of blood, mucus, pus or other secretions through the same and the duct 16, after a preliminary vacuum has been created in the depression.

Air tubes 18 and 19, are provided for the admission of air to the wound, the former passed through the margin and the latter in the bottom of the body's depression.

In the form of my invention illustrated in Figures 4, 5 and 6, the central depression 20 in the body 21 of sponge rubber has substantially the form of an ellipse surrounded by a raised margin 22. The air supply tube 23 is passed through the margin 22 and the drain duct and tube has an inner mouth or discharge opening 24 opening into the depression while its outer end 25 extends from the body to any desired or suitable distance.

The form of my invention illustrated in Figures 7 and 8 is preferably used with operations on the prostate gland of male persons, and comprises a sustaining ring 26 of solid rubber for the support on the testicles or genital glands of the male and the male copulatory organ or penis while the substantially circular sponge rubber body 27 therebelow and preferably made in one piece with the ring has an opening 28 formed therein for the reception of an antiseptic if desired and in which the drain duct 29 is guided along the inner wall of the raised marginal flange 30 and has a plurality of drain openings 31, the discharge of the collected blood, mucus, pus or other secretions is effected through the branch 32 of the duct extending from the body 27 and air is supplied through a duct 33.

The use of my device has been fully explained above and will be readily understood from the description by having simultaneously reference to the drawing without further explanation.

It will be understood that I have described and shown as examples a few of the preferred forms of my invention, and that I may make such changes in its general arrangement and in the construction of its minor details as come within the scope of the appended claims without departure from the spirit of my invention and the principles involved.

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

1. A perineal drainer comprising a solid rubber ring to be supported by the genitals during a prostate operation, a body of flexible material connected with said ring below the same and having a central opening, an air duct and a per-

forated drain duct in said opening and extending from said body to drain wounds of secretions.

2. In a perineal drainer preferably for use with operations of the prostate gland comprising a substantially horizontal sustaining ring of solid rubber for the support of the testicles or genital glands, a substantially circular sponge rubber body having a raised marginal flange and integral with said ring and below the same, having an opening for the reception of an antiseptic, and a drain duct guided along the inner wall of the raised marginal flange extending to the outside, and having a plurality of drain openings for the discharge of the collected blood, mucus or pus, and an air vent at one end.

LEO SAVALLY.