

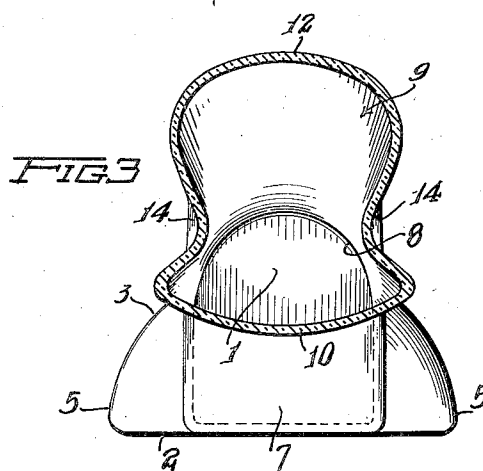
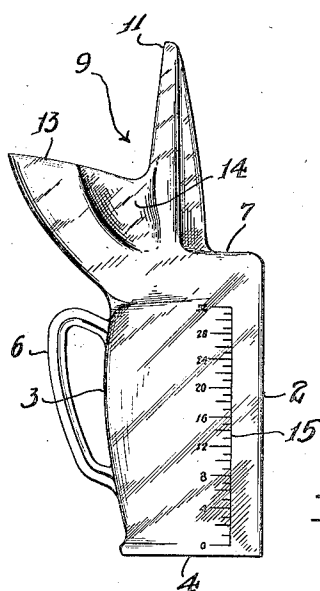
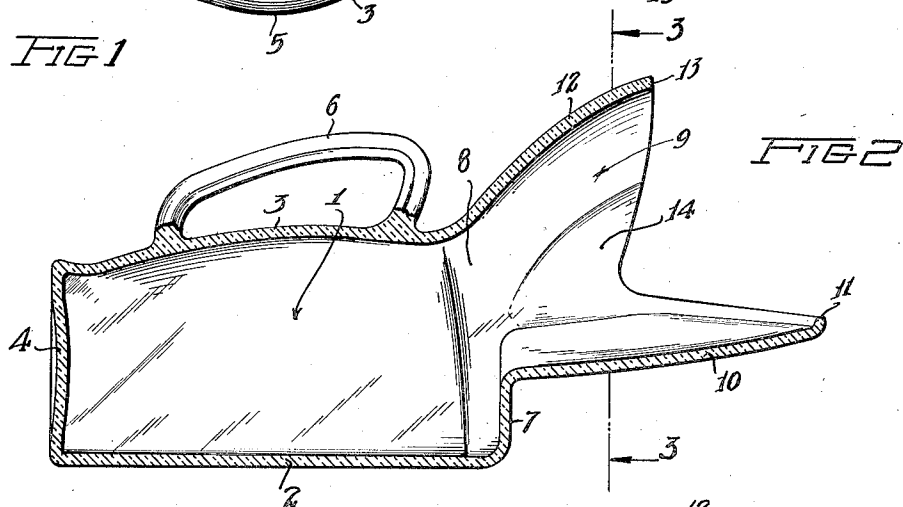
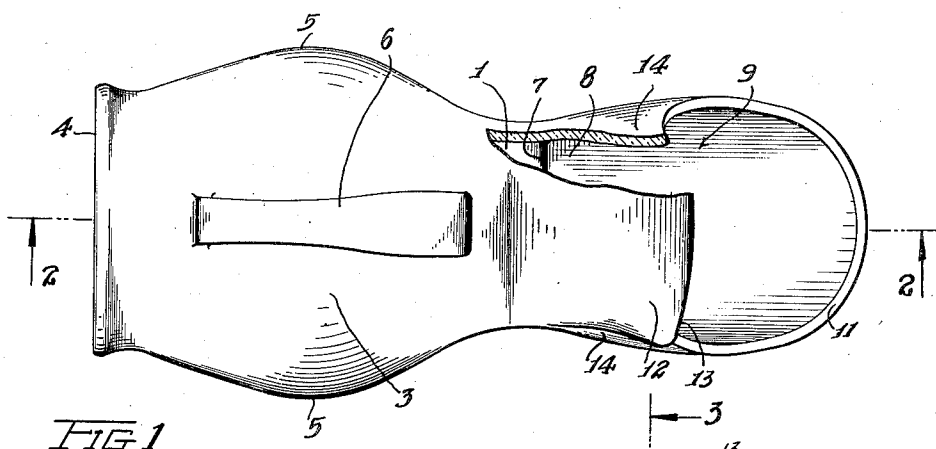
Jan. 15, 1952

F. E. SIEGENTHAL

2,582,398

FEMALE URINAL

Filed Aug. 21, 1948



INVENTOR.
Felice E. Siegenthal
 BY *Lyon & Lyon*
 attorneys

UNITED STATES PATENT OFFICE

2,582,398

FEMALE URINAL

Felice E. Siegenthal, Pasadena, Calif.

Application August 21, 1948, Serial No. 45,543

2 Claims. (Cl. 4-110)

1

2

My invention relates to female urinals and included in the objects of my invention are:

First, to provide a urinal for sick and invalid persons confined to bed by sickness or age in hospitals and homes, and to provide a female urinal for bed use which may be readily and quickly guided into place either by the patient herself or by an attendant, or even by one relatively unfamiliar with the use of such devices, with the assurance that all of the urine will enter the vessel and not spill or soil and dampen the bed sheet.

Second, to provide a female urinal which is capable of being placed in stable equilibrium in a vertical position as well as in its functional longitudinal position, and which may be provided with a scale readable when in a vertical position to indicate the volume of its contents; my new improved urinal especially adapted to the female is designed to eliminate all previous difficulties with the present shapes relating to the manner of adjusting it, such as bed-wetting.

Third, greater ease and facility is offered by my invention in the care of the patient since no changing of the position of the body is required, no lifting up, thus providing perfect ease and comfort by its use.

Fourth, to provide a female urinal which is shaped to afford indentations or depressions at the sides of its opening especially arranged to accommodate the muscles of the region so that the patient may readily and conveniently maintain the urinal in place without the necessity of holding the urinal by hand.

Fifth, to provide a urinal that has a well proportioned body and properly balanced handle preventing tipping, and which has a wide orifice with broad lips, providing for the greatest advantage in the manner of its use and application.

With the above and other objects in view, as may appear hereinafter, reference is directed to the accompanying drawings in which:

Figure 1 is a top or plan view of the urinal with a portion broken away to facilitate the illustration;

Figure 2 is a longitudinal sectional view thereof through 2-2 of Figure 1;

Figure 3 is a transverse sectional view thereof through 3-3 of Figure 2; and

Fig. 4 is a reduced side elevational view showing the urinal in its upright position.

My female urinal is preferably cast or molded of glass but may be made of china or metal. The urinal defines a chamber 1 having a flat major wall 2 which, when the urinal is in use,

constitutes the bottom wall. The opposite or upper wall 3 is arched. A flat end wall 4 is provided which is at right angles to the major wall 2 and of such proportions that the urinal may be set upright or in a vertical position as shown in Figure 4.

The chamber 1 is laterally enlarged between its extremities so that the side walls are convex or bulged as indicated by 5. A longitudinally extending handle 6 is provided at the crown of the arched wall 3.

The end of the chamber opposite from the wall 4 is provided with a partial wall or shoulder 7 and a throat 8. A mouth 9 diverges outwardly from the throat 8 and includes a lower extended jaw 10 which slopes upwardly at a slight angle and is, in addition, curved slightly upwardly as well as being transversely curved, and is substantially semicircular at its extremity. This extremity has a rudimentary upturned rim 11. The mouth also includes an upper lip 12 which is arched and terminates in an edge 13 disposed at substantially right angles to the rim 11 and is substantially semicircular in cross section. This structure provides a wide orifice with broad lips making use of the structure very convenient and efficient.

At either side of the mouth 9 at and above the juncture between the rim 11 and the edge 13 there are provided side depressions 14. These depressions are so located as to receive the muscles of the region adjacent the vulva, particularly the gracilis and the underlying tendons which merge into the semitendinosus.

If the urinal is constructed from transparent or translucent material, graduations 15 are provided along one side beginning at the end wall 4. Thus, when the urinal is placed in a vertical position as shown in Figure 4 the volume of the contents may be ascertained.

By reason of the shape and form of the mouth 9, the urinal may be fitted into position against the patient and be depended upon to collect all of the urine without spillage. The depressions 14 materially facilitate holding the urinal in place by the patient.

Having fully described my invention, it is to be understood that I do not wish to be limited to the details herein set forth, but my invention is of the full scope of the appended claims.

I claim:

1. A female urinal, comprising: a vessel having a flat side and a flat end wall whereby said vessel may be placed stably in a horizontal or upright position; a throat offset upwardly from said

3

flat side when said vessel is in a horizontal position; and an outwardly expanding mouth continuing from said throat and terminating in a substantially horizontal lower jaw having an up-turned rim and substantially semicircular in plan, and an upwardly directed upper lip terminating in a margin substantially semicircular in elevation, the margins of said jaw and lip defining in side aspects a substantially right angle, and the upper wall of said mouth between said throat and upper lip being concave internally.

2. A female urinal, comprising: a vessel of semicircular cross section and flat on its under side, said vessel being laterally bulged at its mid-portion, one end of said vessel being closed, the other end forming a laterally restricted throat; a mouth including an upper lip flaring upwardly from said throat to conform to and embrace the pelvic region surrounding the urethra, and a lower jaw offset upwardly from said flat side and extending cantilever fashion therefrom beyond said

4

upper jaw, the margins of said upper lip and lower jaw defining in side aspect a substantially right angle and the upper wall of said mouth being concave internally.

FELICE E. SIEGENTHAL.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
698,419	Taylor	Apr. 22, 1902
805,312	Meinecke	Nov. 21, 1905
2,084,788	Anderson	June 22, 1937

FOREIGN PATENTS

Number	Country	Date
1,393	Great Britain	Jan. 20, 1899
2,943	Great Britain	Feb. 10, 1894