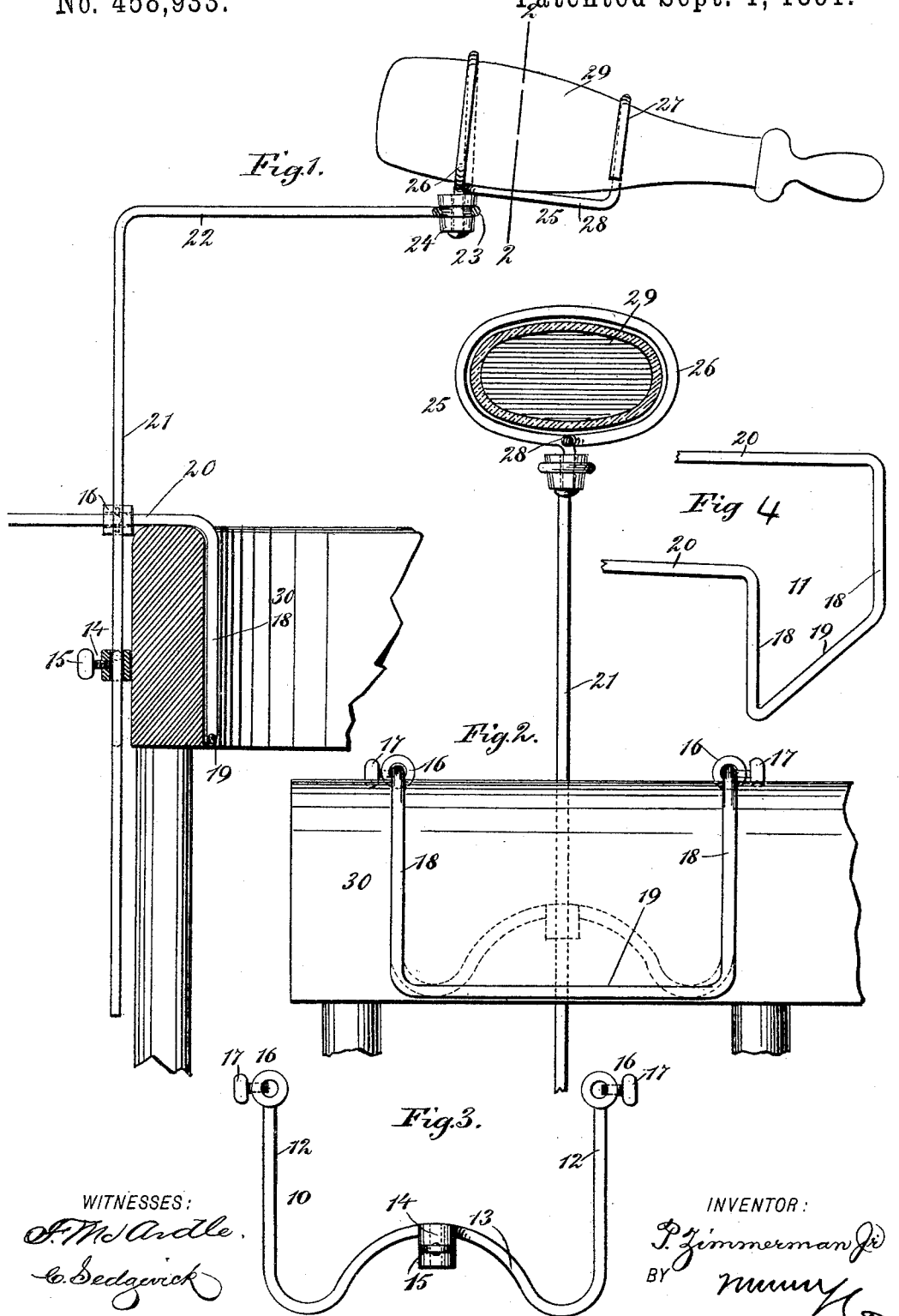


(No Model.)

P. ZIMMERMAN, Jr.
NURSING BOTTLE HOLDER.

No. 458,933.

Patented Sept. 1, 1891.



WITNESSES:
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PETER ZIMMERMAN, JR., OF NEW YORK, N. Y.

NURSING-BOTTLE HOLDER.

SPECIFICATION forming part of Letters Patent No. 458,933, dated September 1, 1891.

Application filed April 1, 1891. Serial No. 387,227. (No model.)

To all whom it may concern:

Be it known that I, PETER ZIMMERMAN, JR., of New York city, in the county and State of New York, have invented a new and Improved Nursing-Bottle Holder, of which the following is a full, clear, and exact description.

My invention relates to improvements in holders for nursing-bottles; and the object of my invention is to produce a holder which may be quickly clamped to a child's cradle or other support and which may be moved and adjusted so as to securely hold the nursing-bottle in position within reach of an infant.

To this end my invention consists of a nursing-bottle holder constructed substantially as hereinafter described and claimed.

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

Figure 1 is a side elevation, partly in section, of the bottle-holder, showing it applied to a support and carrying a bottle. Fig. 2 is an end view of the same, partly in section, on the line 2-2 in Fig. 1. Fig. 3 is a detail view of one of the clamping-pieces, and Fig. 4 is a broken detail view of the other clamping-piece.

The device is held in position upon a support by means of a clamp formed of the two clamping-pieces 10 and 11. The clamping-piece 10 consists of an approximately U-shaped frame formed of the vertical side pieces 12 and connecting-rod 13, which is curved upward, as shown in Fig. 3, and the clamping-piece has centrally thereon a vertically-perforated boss 14, which supports the main rod and which carries a thumb-screw 15, which extends through the boss and impinges on the rod. The upper ends of the side members 12 terminate in perforated sockets 16, which are provided with set-screws 17, and which are adapted to receive the ends of the clamping-piece 11. This clamping-piece has at its end a rectangular bend comprising the side rods 18, which are vertical, and the connecting portion 19, and at the top the side rods 18 are bent at right angles to form the parallel rods 20, which are adapted to enter the sockets 16 of the clamping-piece 10. The main rod 21 is adapted to extend vertically through the perforated boss 14, and is held

at a desired height by means of the thumb-screw 15, and near the upper end the rod is bent at a right angle, as shown at 22, and this bent end terminates in a ring 23, which encircles a plug 24 and fits in an annular groove in the plug, as best shown in Fig. 1, so that the plug will be securely held in place and will be capable of a rotary movement in the ring. The plug 24 supports the holder 25, which holder consists of a rod which is made of spring metal and is formed into two loops 26 and 27, the loops being connected by a straight portion of the rod, as shown at 28. The holder has one end of the rod of which it is formed mounted in the plug, and it is then doubled to form the loop 26, and extends from said loop to the next loop 27, which is also formed by doubling the rod, and it will be noticed that by forming the loops in this manner they will be capable of a certain amount of expansion, so that a bottle 29 may be easily thrust into them, and the spring of the metal forming the loops will cause them to hug the bottle tightly and hold it securely in place. It will also be seen that bottles of different sizes may be inserted in the holder and that the spring metal of the loops will cause them to adjust themselves to the different sizes of bottles.

In practice the larger loop 26 is formed above the plug 24, and this loop is adapted to engage the larger or base portion of the bottle, and the smaller loop 27 is adapted to encircle the bottle near the neck. To insert a bottle, it is thrust through the loops endwise, the neck being first inserted in the larger loop and the bottle being then pushed in place, as shown in Fig. 1. When the device is to be used, it is clamped upon a support, as 30, which support is adjacent to where an infant is lying or sitting. The clamping-piece 10 is placed on one side of the support, the clamping-piece 11 on the opposite side, and the two pieces are adjusted tightly upon the support by means of the sockets 16 and thumb-screw 17. The rod 21 is then adjusted vertically by means of the thumb-screw 15, and before the thumb-screw is tightened the rod may be swiveled in the boss 14, so as to bring the bottle into a desired position.

From the foregoing description it will be

seen that the device may be easily adjusted so as to bring the bottle into a position where it may be easily reached by the child, and that it will also hold the bottle securely, so
5 that it cannot be easily broken.

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

10 A nursing-bottle holder comprising the U-shaped piece 10, having a boss 14, perforated parallel with the arms 12 and provided with a set-screw, and the parallel bosses 16 at the upper ends of the arms 12, perforated at right

angles thereto and provided with set-screws, the piece 11, formed of angle-arms connected 15 at the lower ends of their vertical members by a cross-piece 19 and having their horizontal members 20 extending through the bosses 16, the vertical rod 21, extending through the boss 14 and provided at its upper end with 20 an arm 22, and a bottle clamp or holder mounted on the said arm, substantially as set forth.

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Witnesses:

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