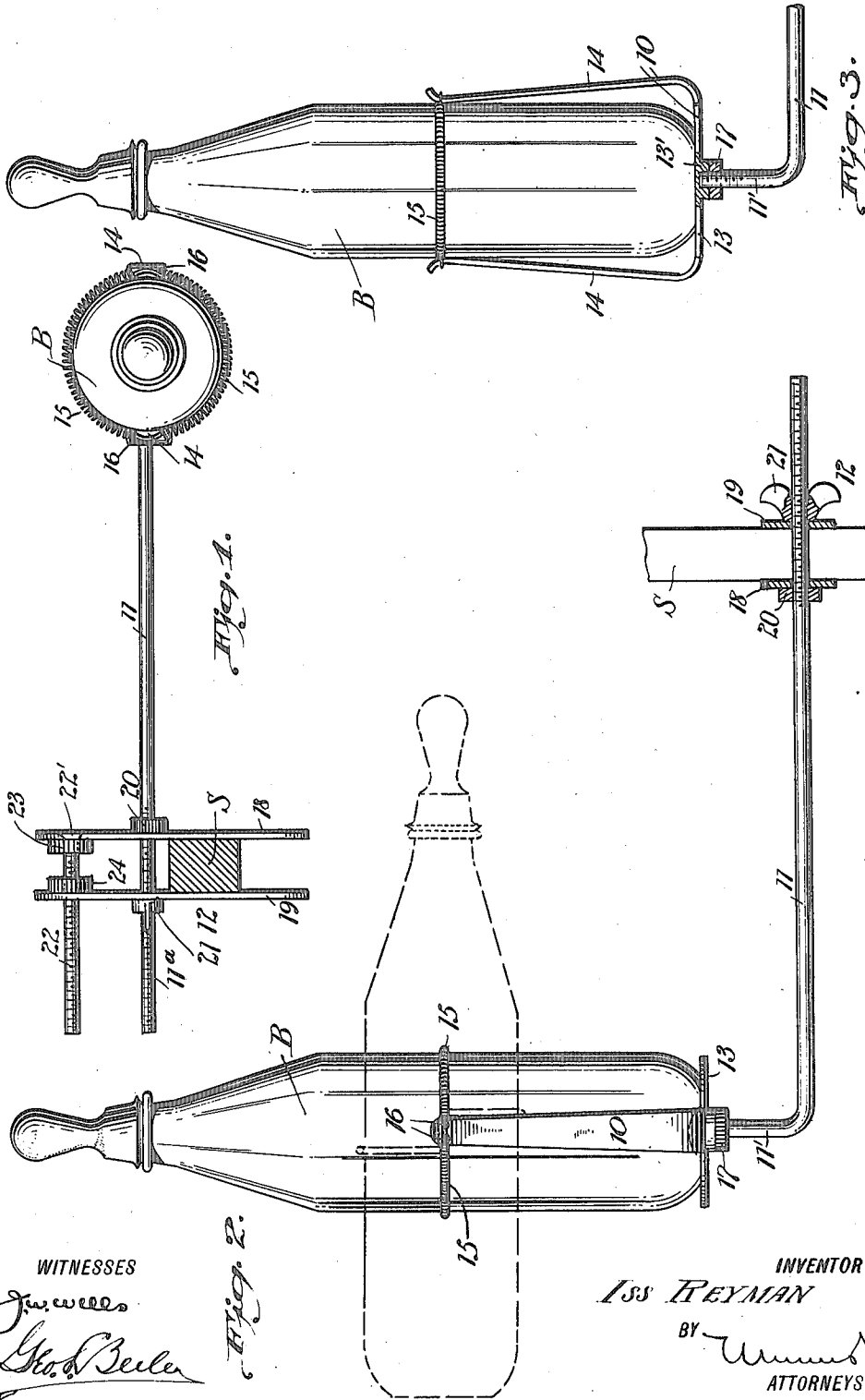


I. REYMAN.
NURSING BOTTLE HOLDER.
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1,128,046.

Patented Feb. 9, 1915.



WITNESSES
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UNITED STATES PATENT OFFICE.

ISS REYMAN, OF PORT CHESTER, NEW YORK.

NURSING-BOTTLE HOLDER.

1,128,046.

Specification of Letters Patent.

Patented Feb. 9, 1915.

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To all whom it may concern:

Be it known that I, ISS REYMAN, a citizen of the United States, and a resident of Port Chester, in the county of Westchester 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.

This invention relates to brackets for special purposes and especially to brackets for holding nursing bottles in connection with infants' cribs, cradles, carriages or the like.

Among the special objects of this invention is to provide a device of the character indicated which is of an exceedingly simple and hence effective and reliable nature and which may be readily clamped securely in any ordinary position in which it may be desired to be used.

The foregoing and other objects of the invention will hereinafter be more fully described and claimed and illustrated in the drawings forming a part of this specification in which like characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is an end view of the entire device but indicating the clamp in elevation; Fig. 2 is a plan view, the clamp being in section; and Fig. 3 is a plan view of a portion of the device indicating a different position of the bracket.

The several parts of the device may be made of any suitable materials and the relative sizes and proportions, as well as the general design thereof, may be varied to a certain extent without departing from the spirit of the invention hereinafter more fully set forth and specifically claimed.

The device comprises three principal parts, namely, a yoke or bracket 10, an arm 11 and a clamp 12.

The bracket 10 consists of a disk-like base 13 to which are connected integrally a pair of flexible tongues 14. The outer free ends of the tongues are adapted to embrace the bottle B substantially midway between its bottom and top, the action of the tongues being to grip the middle portion of the bottle with a fair degree of friction, though not sufficiently to interfere with the free rotation of the bottle around the line joining said free ends as an axis, as shown by broken lines in Fig. 2. Said bottle is secured in position between said tongues and with its

bottom against the base 13 by means of a pair of coil springs 15 having their ends connected to the ends of the tongues in spaced holes 16, each spring 15 being connected independently of the other spring. When the bottle is turned from its normal position, the position shown in Fig. 2 in full lines, the springs 15 tend to restore it to such position, the springs both being put under tension by the turning of the bottle from its normal position.

The arm 11 is substantially stiff, being formed from a suitable piece of rod metal and having at one end a right angular extension 11' to which the base 13 is connected. The connection between the rod and the base is effected by means of a socket 13' formed in the center of the base into which the threaded end of the arm 11' is extended. The base will be secured to the arm so as to bring the tongues in any desired position. Fig. 2 shows an arrangement in which the two tongues lie substantially horizontally in the same vertical plane. In Fig. 3, however, the arrangement is such that the arms lie in the same horizontal plane. After setting the yoke as desired, it may be locked in position with respect to the arm by means of a lock nut 17.

The clamp 12 comprises two blades 18 and 19 both loosely mounted upon the thread 11^a of the arm 11. The blade 18 is limited in its movement in one direction by means of a nut 20 carried by the arm. This nut also, by its adjustment along the arm, determines the effective length of the arm from the support S upon which the device may be mounted. The other blade, 19, is adapted to be clamped against the opposite side of the support S by means of a winged nut 21 running upon the arm.

22 indicates a spacing rod or bolt having a countersunk head 22' at one end of the blade 18, extending thence through the other blade and consequently is carried in a substantially parallel relation to the arm 11. A nut 23 secures the bolt 22 with its head 22' in connection with the blade 11. A lock nut 24 coöperates with the other blade 19 and serves as a fulcrum for that end of the blade 19 remote from the support S. By the adjustment of the lock nut 24, the clamping effect of the two blades may be variably determined. For coöperation, however, with the same support re-

peatedly, no adjustment will be necessary for any of the lock nuts except the winged nut 21.

With the device made and arranged as above described, it may be secured by applying the clamp 12 to any suitably arranged stationary support and with a support of any reasonable thickness. The clamp is exceedingly rigid and effective, taking into consideration that but a single winged nut is required to complete the adjustment or locking thereof. The setting of the clamp, furthermore, locks the arm 11 from rotation. While the arm may be arranged with the extension 11' in a horizontal plane, it is obvious that it may be locked with said extension extending in any direction in a plane perpendicular to the main portion of the arm. I prefer, however, that it be adjusted, as shown in Fig. 2, with the base in a vertical plane and with the bottle free to swing around a vertical axis. I have observed in practice that a child lying in his crib is likely to move his head from one side to the other, but the bottle, as above stated, tends to return to its normal position and within natural reach of the child. The lock nut 17 with its coöperation with the extension 11' provides means, however, for adjusting the yoke 10 so that the bottle may swing in a vertical plane, if desired.

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

1. In a device of the character set forth, the combination of a yoke and means to support said yoke in fixed position, said yoke comprising a disk-like base, a pair of spring tongues extending from diametrically opposite edges of the base in substantially the same direction and adapted to embrace the sides of the bottle between its bottom and its neck, and a pair of springs surrounding the bottle and secured at their ends to the ends

of the tongues independently of each other, said springs serving to permit the bottle to tilt between the fingers and to return the bottle to normal upright position upon the base.

2. In a nursing bottle holder, the combination of an arm, means to secure the arm in fixed position, a yoke comprising a disk-shaped base to engage the bottle bottom in normal upright position, a pair of spring tongues connected integrally with the base and extending therefrom in substantially parallel relation to each other, and spring means extending from the free end of one tongue to the corresponding end of the other tongue and serving to allow the bottle to be tilted from the base and to cause the bottle to turn to said normal position when released, and means to secure the yoke to the arm, said securing means providing for various positions of adjustment of said tongues with respect to the plane of the arm.

3. In a nursing bottle holder, the combination of a rigid arm having an angularly arranged extension at one end and having its other end screw threaded, a bottle holding yoke carried by said extension of the arm, a pair of clamping blades loosely mounted upon the threaded end of the arm, a spacing bolt arranged parallel to the arm, one end of the bolt being connected to one of the blades and having its free end extending loosely through the other blade, and a series of lock nuts coöperating with said bolt and said arm to determine the clamping positions of the arm and said blades with respect to a fixed support.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ISS REYMAN.

Witnesses:

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