

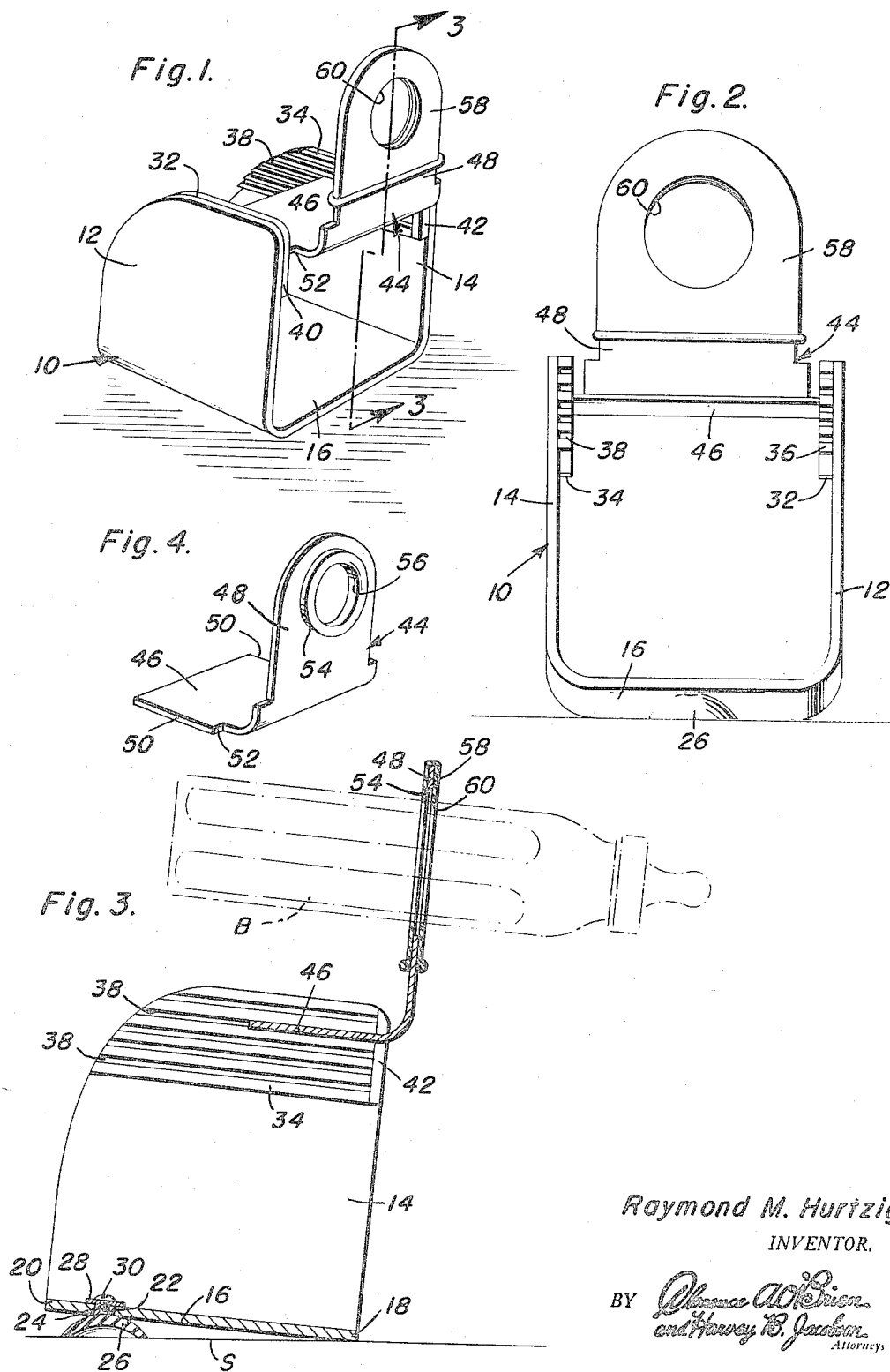
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R. M. HURTZIG

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BOTTLE HOLDER

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Raymond M. Hurtzig
INVENTOR.

BY *Alfred A. O'Brien*
and *Harvey B. Jackson*
Attorneys

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BOTTLE HOLDER

Raymond M. Hurtzig, Sacramento, Calif.

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This invention relates to new and useful improvements in holding articles and the primary object of the present invention is to provide a holder for baby bottles, whereby a bottle may be retained at an inclined angle to an infant during feeding.

Another important object of the present invention is to provide a bottle holder including a base and a bottle holding element secured to the base for vertical adjustment whereby the holder may be employed with infants of various sizes.

A further object of the present invention is to provide a bottle holder involving a resilient sheath having an opening therein for yieldingly gripping a bottle and which sheath provides a protecting means in the event the holder is accidentally engaged by an infant or a person assembling the holder.

A still further aim of the present invention is to provide a bottle holder of the aforementioned character that is simple and practical in construction, strong and reliable in use, neat and attractive in appearance, inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which:

Figure 1 is a perspective view of the present invention;

Figure 2 is a rear elevational view of Figure 1;

Figure 3 is a vertical sectional view taken substantially on the plane of section line 3—3 of Figure 1, and showing a bottle, in dotted lines, supported by the device; and

Figure 4 is a perspective view of the angle member in slightly modified form from that shown in Figures 1, 2 and 3.

Referring now to the drawings in detail, wherein for the purpose of illustration, there is disclosed a preferred embodiment of the present invention, the numeral 10 represents a channel-shaped support preferably constructed from resilient material and including a pair of spaced parallel leg portions 12 and 14 that are joined at their lower ends by a web 16 having a forward edge 18 and a rear edge 20.

Web 16 is provided with an aperture 22 adjacent its rear edge 20 that receives the cylindrical shank portion 24 of a suction cup 26. A washer 28 rests against the upper face of the web 16 over portion 24 and receives a fastener 30 that is threaded into the portion 24 to removably secure the suction cup to the web. When the suction cup is applied to a horizontal supporting surface S, as shown in Figure 3, the forward edge 18 of the web will rest against surface S to retain the web downwardly and forwardly inclined.

A pair of flat retainers or plates 32 and 34 are secured to the opposing faces of the leg portions 12 and 14, at the upper ends thereof. The plates 32 and 34 are

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provided with spaced parallel slots 36 and 38 that are disposed parallel to the plane of the web. The slots terminate short of the forward ends 40 and 42 of the plates so that there will be provided stop surfaces at the forward ends of the slots 36, 38 for a purpose presently to be described.

An angle member 44 is removably supported by the support or base 10 and includes relatively perpendicular flanges 46 and 48. The side edges 50 of the flange 46 project outwardly beyond the side edges of the flange 48 to be received in the slots 36, 38 and include forward shouldered portions 50 for engaging the ends 40 and 42 of the plates 32 and 34 that extend across the forward ends of the slots.

As shown in Figure 4, the flange 48 of member 44 is provided with an opening 54 that yieldingly retains a resilient (rubber) ring element 56. The ring element will yieldingly embrace a bottle and removably retain the bottle relative to the angle member.

The flange 48 of angle member 44 may receive a resilient sheath 58 having an opening 60 in registry with the opening 54 but smaller than the opening 54, whereby the edges of the opening 60 will yieldingly grip the bottle B to be supported by the angle member 44.

Obviously, the edges 50 may be received in selected slots in the plates 32 and 34 to position the flange 46 toward or away from the web 16 and thereby selectively raise or lower the bottle B. Inasmuch as the flanges 46 and 48 are disposed perpendicular to each other and as the slots parallel the web 16, it is obvious that the bottle will be retained in a vertically inclined position so that the liquid therein may properly flow from the nipple and into the infant's mouth.

The suction cup may be removed from the support 10 and the angle member 44 also removed for the cleaning of the various parts of the device, thereby permitting the same to be retained in a sanitary condition for continued use.

In view of the foregoing description taken in conjunction with the accompanying drawings it is believed that a clear understanding of the device will be quite apparent to those skilled in this art. A more detailed description is accordingly deemed unnecessary.

It is to be understood, however, that even though there is herein shown and described a preferred embodiment of the invention the same is susceptible to certain changes fully comprehended by the spirit of the invention as herein described and the scope of the appended claims.

Having described the invention, what is claimed as new is:

1. A bottle holder comprising a channel shaped support including a pair of leg portions and a web joining the leg portions, a pair of retainers secured to the leg portions and each having a plurality of spaced parallel slots therein, an angle member having a flange received in a slot of each retainer, the other flange of said member having an opening, a rubber sheath element engaged over the other flange of said member and having an opening smaller than and in registry with the opening in said other flange for yieldingly receiving a bottle, and attaching means carried by the web for retaining the support on a structural element, said attaching means comprising a suction cup.

2. A bottle holder comprising a channel shaped support including a pair of leg portions and a web joining the leg portions, a pair of retainers secured to the leg portions and each having a plurality of spaced parallel slots therein, an angle member having a flange received in a slot of each retainer, the other flange of said angle member having an opening therein, and a resilient sheath element received over said other flange and having an

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opening therein in registry with the opening in said other flange, the opening in said sheath being smaller than the opening in said other flange to yieldingly grip a bottle.

3. A bottle holder comprising a channel shaped support including a pair of spaced leg portions and a web joining said leg portions, a suction cup secured to the undersurface of said web, said web having a forward edge and a rear edge and said cup being disposed closer to the rear edge than the forward edge, whereby the support may be retained in a downwardly and forwardly inclined position when disposed on a horizontal supporting surface, a pair of retainer plates secured to the opposing faces of said leg portions, each of said plates having a plurality of spaced parallel slots therein, said slots paralleling the plane of the web and having closed forward ends, an angle member having first and second relatively perpendicular flanges, said first flange having side edges projecting outwardly beyond the side edges of the second flange and received in a slot of each retainer, said side edges having forward shoulder portions engaged against the closed ends of the slots they are received in, said second flange having an opening therein, and means carried by said second flange for removably retaining a bottle in said opening.

4. An adjustable bottle holder comprising a channel-shaped support including a pair of legs and a web joining the legs, the facing surfaces of said legs each having a plurality of vertically spaced, parallel, horizontally extending ribs thereon, an L-shaped member having a generally horizontally extending portion each side edge of which is selectively slidably received between a selected pair of adjacent ribs on each of said legs, and a generally vertically extending portion disposed in a plane perpendicular to the plane of said legs, said vertically ex-

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tending portion having an opening therethrough for receiving a bottle, a resilient member carried by said vertically extending member presenting a yieldable bottle receiving aperture in registry with said opening for frictionally gripping a bottle.

5. A bottle holder comprising a support frame having a pair of spaced, parallel, vertically extending wall members, means providing vertically spaced, horizontal slots on the facing surfaces of said wall members, an L-shaped member having a generally horizontally extending portion, the opposite edges of which are selectively slidably received in a selected pair of opposite, facing slots of said wall members, and a generally vertically extending portion disposed in a plane perpendicular to the plane of said wall members, said vertically extending portion having an opening therethrough for receiving a bottle, a resilient member carried by said vertically extending member presenting a yieldable bottle receiving aperture in registry with said opening for frictionally gripping a bottle.

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