A. J. FAWCETT.

SPRING SHIELD FOR NURSING BOTTLES.

APPLICATION FILED APR. 2, 1921.

1,429,198. Patented Sept. 12, 1922.

Fig. 1

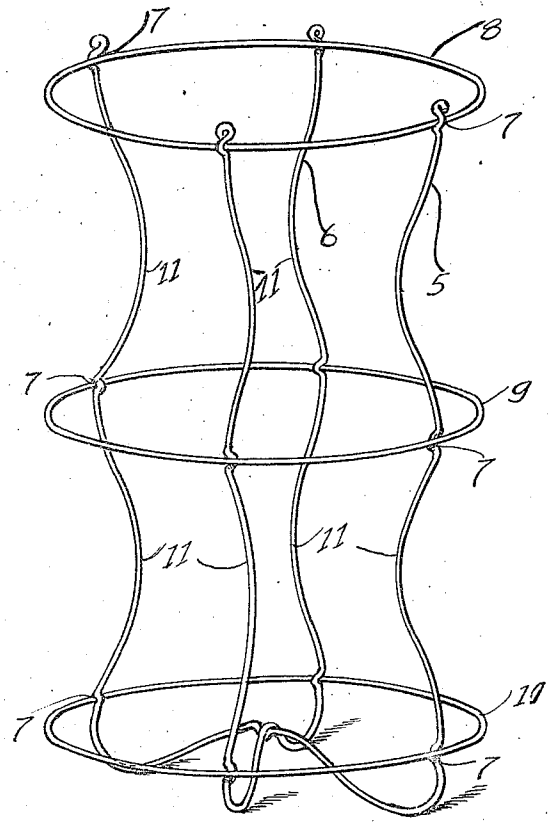


Fig. 2.

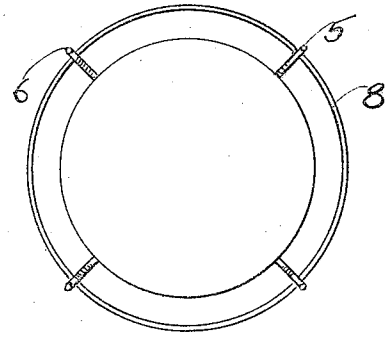
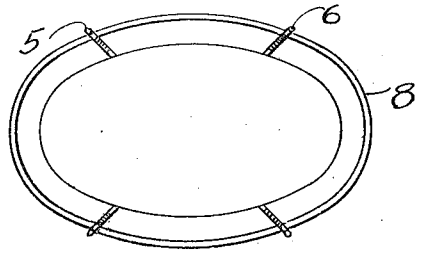


Fig. 3.



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UNITED STATES PATENT OFFICE.

ARTHUR J. FAWCETT, OF MYRTLE CREEK, OREGON.

SPRING SHIELD FOR NURSING BOTTLES.

Application filed April 2, 1921. Serial No. 458,148.

To all whom it may concern:

Be it known that I, ARTHUR J. FAWCETT, a citizen of the United States, residing at Myrtle Creek, in the county of Douglas and State of Oregon, have invented new and useful Improvements in Spring Shields for Nursing Bottles, of which the following is a specification.

This invention relates to spring shields for nursing bottles.

The principal object of this invention is to produce a spring shield which will readily hold a nursing bottle, and at the same time protect it from breaking should it be dropped upon the floor or side walk. This shield is also useful in that it provides a better grip for the child in clasping the bottle.

Another object of this invention is to produce a device of the character described which is simple in construction, economical to manufacture, and one which can be easily disassembled for cleansing purposes.

Other objects and advantages will be apparent during the course of the following description.

In the accompanying drawings forming a part of this specification and in which like numerals are employed to designate like parts throughout the same.

Figure 1 is a perspective view of my preferred form of shield,

Figure 2 is a top plan view showing the position the bottle would take therein,

Figure 3 is a view similar to Figure 2 when an oval shaped bottle is employed.

In the accompanying drawings wherein for the purpose of illustration is shown a preferred embodiment of my invention, the numerals 5 and 6 refer to two wires, each having a contour which is best shown in Figure 1, and provided at suitable points with notch-like depressions 7.

It will be noticed that the depression at the ends are inwardly placed while the other depressions are outwardly placed, the purpose of which is to receive rings 8, 9 and 10. The ring 9 serves to hold the ends of the wire 5 and 6 into more intimate contact with the ring 8 and at the same time cause portions of the wire, as indicated by the numeral 11, to contact with a bottle to be inserted in the shield.

Should it be desired to make the structure solid, all of the points where one wire contacts with the other could be soldered or spot welded. I prefer, however, to have the entire structure in a knockdown condition as it is better for cleansing purposes.

After the structure is set up, as shown in Figure 1, the bottle is inserted in the top of the shield and will be readily retained therein due to the before mentioned contact of the portion 10 with the exterior of the bottle to be inserted in the shield.

While I prefer to use the shield as a nursing bottle, it is to be understood that it is not to be limited to this use, and it may be used to protect bottles containing costly fluids used for scientific purposes.

It is to be understood that the form of my invention herewith shown and described, is to be taken as a preferred example of the same, and that various changes in the shape, size and arrangement of parts may be resorted to without departing from the spirit of the invention, or the scope of the subjoined claims.

Having thus described my invention, I claim:—

1. In a device of the character described, the combination of wires having a substantially U-shaped contour, notches formed within said wires, and rings adapted to rest within said notches for the purpose of holding said wires in their proper relation one to the other.

2. In a nursing bottle shield, the combination of two substantially U-shaped wires, notches formed in said wires near their ends and at other points thereon, and rings adapted to be received within the notches of said rings, said rings being adapted to maintain said wires in a predetermined position.

3. In a bottle shield, the combination of two substantially U-shaped wires, said U-shaped wires being crossed, notches formed at intervals throughout their length, inwardly curved portions between said notches, and ring members adapted to rest in said notches.

In testimony whereof I affix my signature.

ARTHUR J. FAWCETT.