

T. W. MILLER.

NIPPLE.

APPLICATION FILED DEC. 21, 1908.

926,011.

Patented June 22, 1909.

Fig. 1.

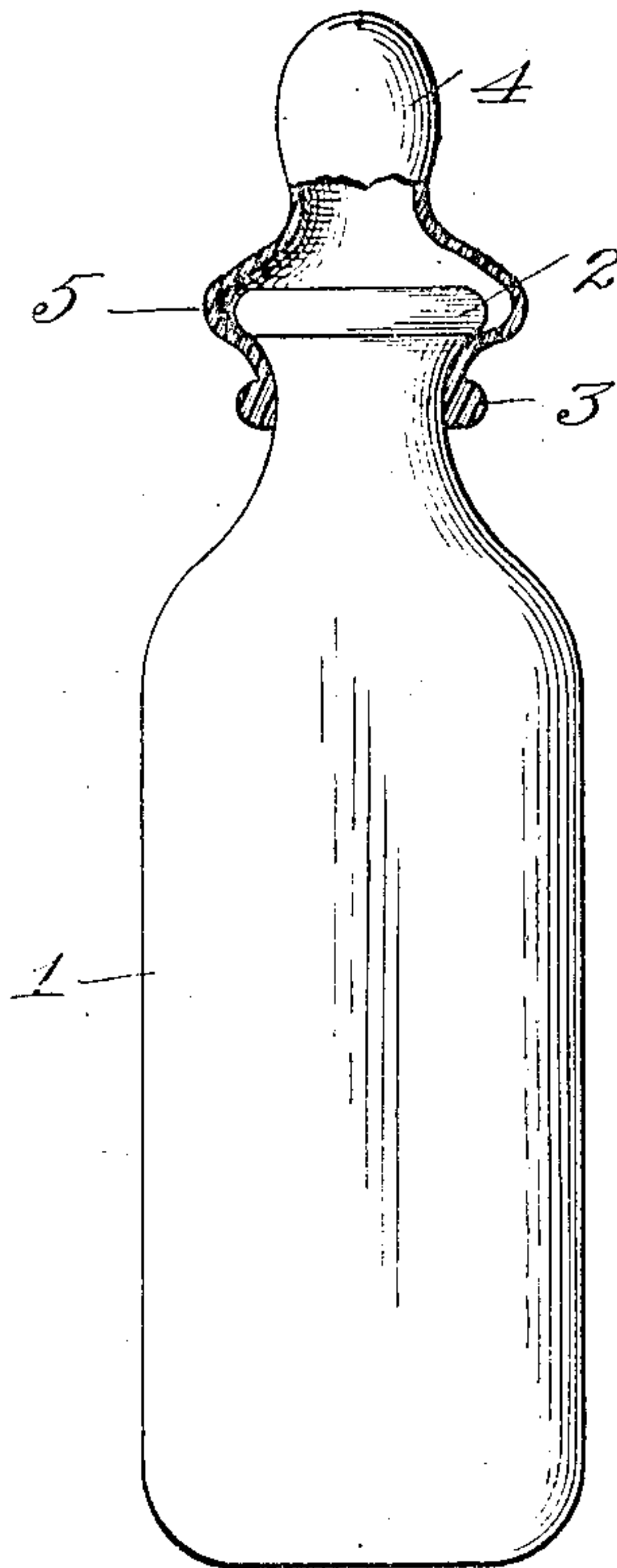


Fig. 2.

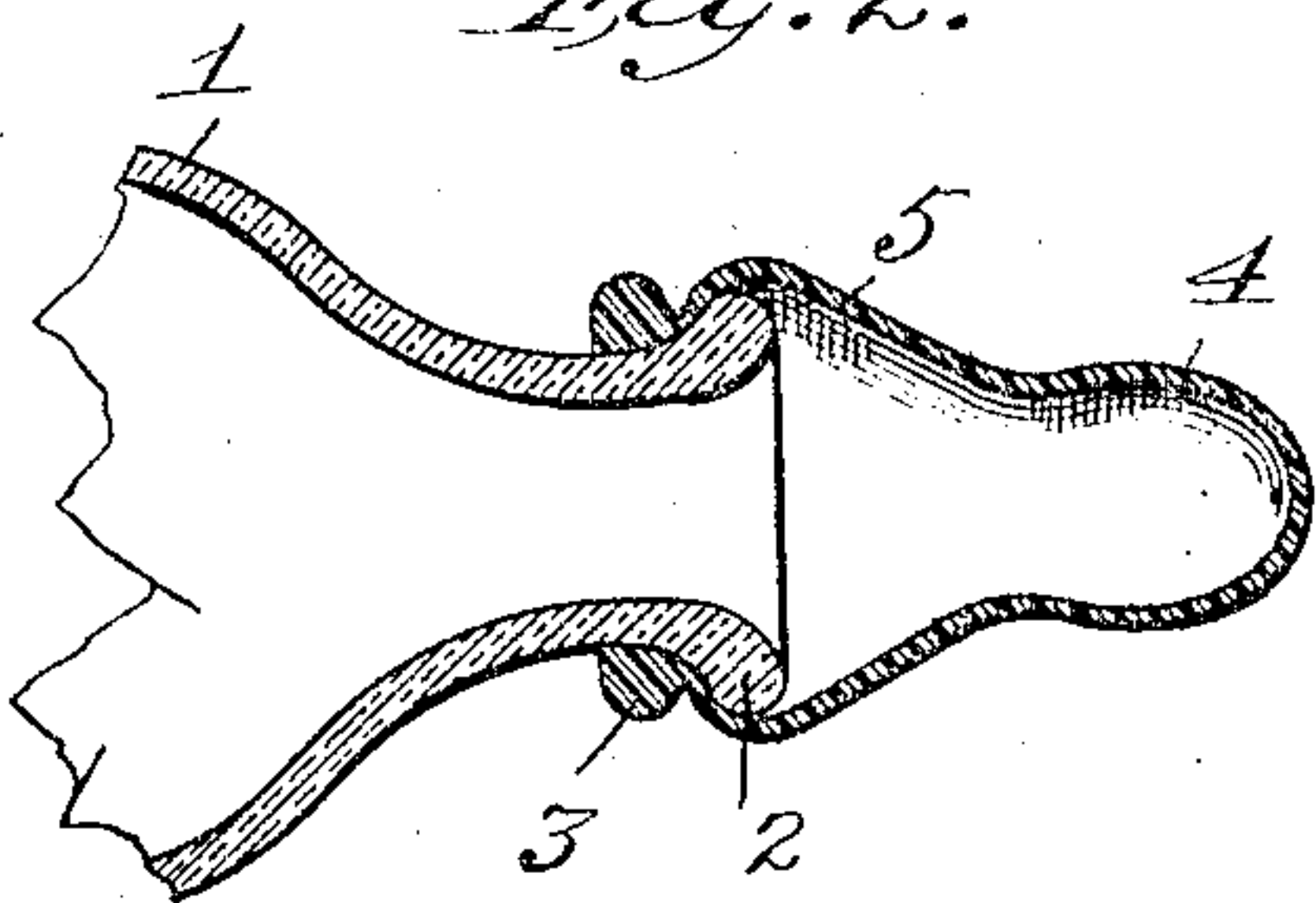


Fig. 3.

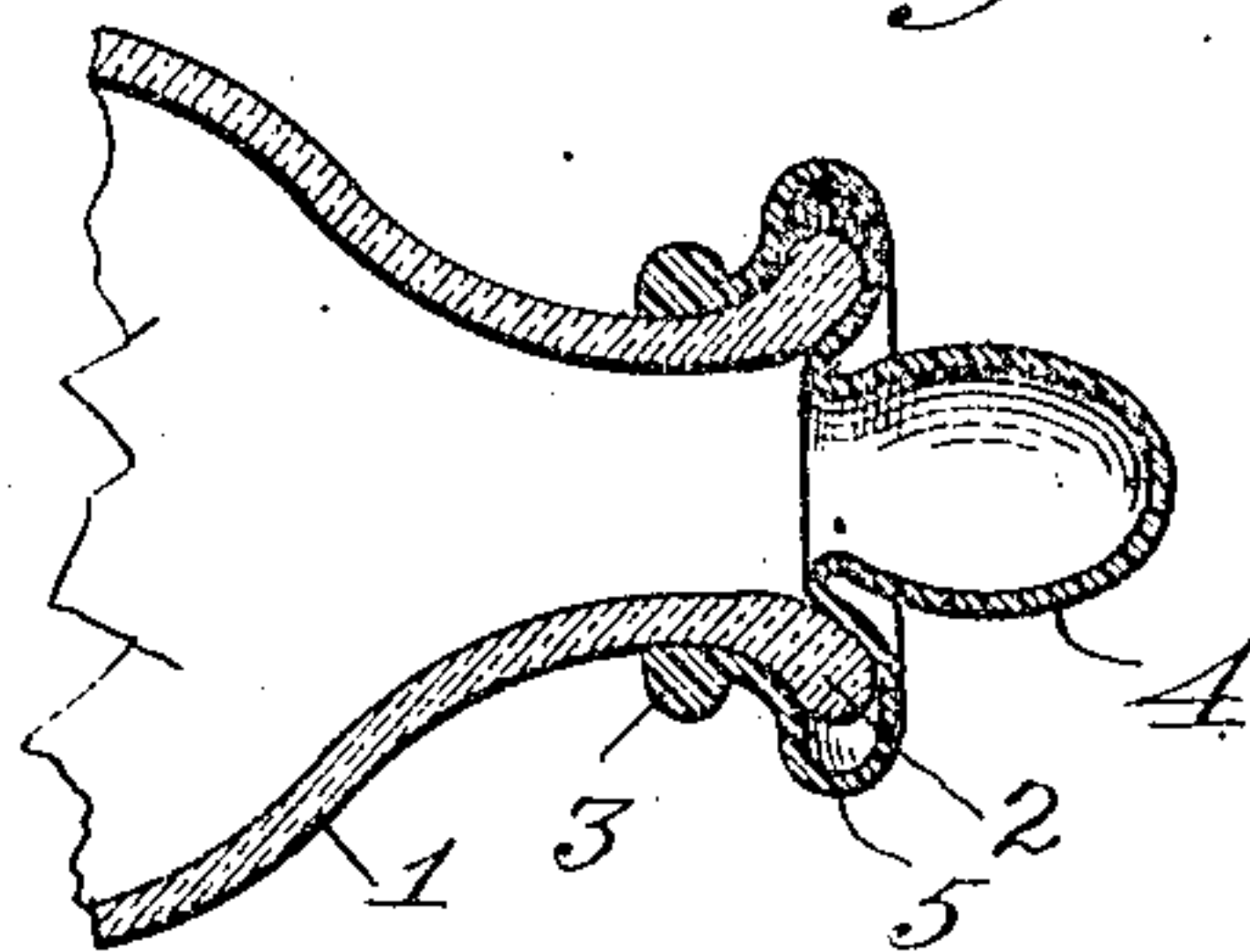
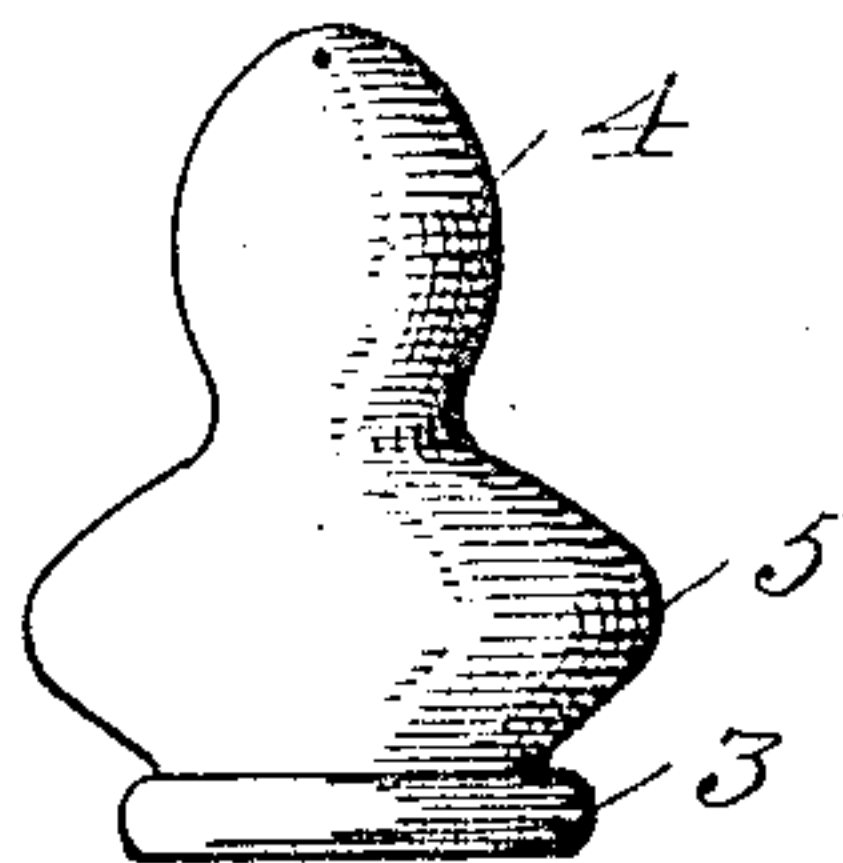


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS W. MILLER, OF AKRON, OHIO, ASSIGNOR TO THE FAULTLESS RUBBER COMPANY,
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NIPPLE.

No. 926,011.

Specification of Letters Patent.

Patented June 22, 1909.

Application filed December 21, 1906. Serial No. 348,958.

To all whom it may concern:

Be it known that I, THOMAS W. MILLER, a citizen of the United States, residing at Akron, in the county of Summit, State of Ohio, have invented new and useful Improvements in Nipples, of which the following is a specification.

My invention relates to nipples for nursing bottles, and has for its object to provide a construction of the same that will yield longitudinally to drawing action of the infant, thereby minimizing the liability of its being detached from the bottle, and will also expand under compression, thereby presenting a wider surface to the mouth of the infant and thus offering a greater obstacle to the undue insertion of the nipple into the mouth of the infant and consequent choking.

A further object of my improved construction is to prevent any contraction of the opening from the body portion into the mouth piece of the nipple under compression of the same.

These objects I accomplish in the manner and by the means hereinafter described and claimed, reference being had to the accompanying drawing, in which:

Figure 1 is an elevation of a nursing bottle with my improved nipple in position thereon, the latter being shown partly in section. Fig. 2 is a sectional view of the upper end of the bottle and nipple, turned to the position of use, the nipple being shown in its extended position. Fig. 3 is a view similar to Fig. 2, the nipple being shown in its compressed position. Fig. 4 is a view in side elevation of the nipple.

Similar numerals of reference denote corresponding parts in the several views.

In the said drawing the reference numeral 1 denotes the conventional nursing bottle, over the flanged mouth 2 of which is sprung the flanged neck 3 of the nipple. Said nipple intermediate the neck 3 and the mouth piece 4 is provided with a flaring body portion 5 of greater diameter than the neck 3, which, when the nipple is in position on the usual nursing bottle mouth, is of greater internal diameter than said bottle mouth, leaving an intermediate space, as shown in Fig. 1.

From this construction it will be seen that, when the nipple is drawn on by the infant, it will assume the position shown in Fig. 2, its flaring body portion 5 permitting an elongation of the same, as well as a certain amount of resiliency, that will minimize the danger of the nipple being detached from the bottle neck. And, when the nipple is compressed, its flaring body portion 5 will expand to the position shown in Fig. 3, thus offering a wider obstacle to the mouth of the infant, and tending to prevent the further insertion of the mouth piece 4 into its mouth and consequent choking.

It will be observed that the interior surface of the neck 3 of the nipple is smooth or unbroken, that is to say, unflanged, which facilitates the cleansing of the same after use, and which does not lessen its grip on the bottle, the flaring body portion 5 providing an interior gripping shoulder receiving and retaining the flanged neck of the bottle. Furthermore, should my improved nipple be employed with a nursing bottle whose flanged mouth 2 is large enough in diameter to fill the flaring body portion 5 of the nipple without leaving any intermediate space, it will be understood that the substantially flat and comparatively wide upper wall of said body portion will still yield evenly under compression, whereby any contraction or choking of the opening therefrom into the mouth piece 4 will be prevented.

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

1. A nursing nipple, embodying a mouth piece, a neck, and an intermediate body portion flaring from said neck to receive the bead of the bottle neck, the upper wall of said body portion projecting inwardly at an acute angle from its point of greatest width to form a substantially flat wall, the diameter of the opening from said body portion into the mouth piece being relatively small in comparison with the diameter of said body portion.

2. A nursing nipple, embodying a mouth piece, a bottle engaging neck, and an intermediate body portion abruptly flaring both

from said neck and from said mouth piece
and forming an abrupt angle at the point of
greatest width of the nipple, said angular
portion when the nipple is engaged with a
5 bottle neck lying opposite to but away from
contact with the bead on said bottle neck.
In testimony whereof, I have hereunto set

my hand in the presence of two subscribing
witnesses.

THOMAS W. MILLER.

Witnesses:

I. LEROY MILLER,

F. E. GREENE.