To all whom it may concern:

Be it known that I, EvaEline O'Brien, a citizen of the United States, residing at San Bernardino, in the county of San Bernardino and State of California, have invented a new and useful Separable Sanitary Nursing-Bottle; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to a new and useful improved nursing bottle.

An object of the invention is to provide a nursing bottle comprising two bottle sections coupled together by an aluminum band having embedded therein an annular packing ring to form a fluid tight joint between the bottle sections.

Heretofore, when cleaning a nursing bottle, it has been found difficult to thoroughly clean the same of the sediment and germs, hence an improved nursing bottle comprising two bottle sections has been provided, including the simple and efficient packing means at the joint of the two sections.

In practical fields the details of construction may necessitate alterations, to which the patentee is entitled, provided the alterations fall within the scope of what is claimed.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Figure 1 is a view in elevation partly in section showing a nursing bottle constructed in accordance with the invention. Fig. 2 is a view partly in section and partly in elevation showing the packing ring embedded in the exterior portion of the aluminum coupling band. Fig. 3 is an enlarged detail sectional view of the joint in Fig. 1.

Referring to the drawings, 1 and 2 designate the upper and lower bottle sections, the section 1 having the usual nipple 3, which may be secured to the section in any suitable manner.

In Figs. 1 and 3 of the drawings, the adjacent portions of the body sections are enlarged, and provided with channels 4 and 5. The channel 4 upon one of its faces is constructed with a left hand thread 6 to engage correspondingly constructed threads upon the aluminum coupling band 7, while 55 one of the interior faces of the channel 5 is formed with right hand threads 8 to engage correspondingly formed threads 9 of the band 7. In this manner it will be seen that when the bottle section and the band 60 are aligned or in registration, the bottle sections will screw toward one another upon the band, when the sections are rotated in the proper direction, in which case the band will enter the channels 4 and 5. The inner face of the band 7 is provided with an annular groove 10, which in cross section is V shaped to receive an annular packing ring 11. This packing ring 11 insures a fluid tight joint between the ground edges of the glass or other bottle sections. As shown the annular packing ring is formed with a bead round in cross section, designated by the numeral 12 to enter the recesses 13 of the inner walls 14 of the channels. In Fig. 2 it will be observed that the inner walls 14 are eliminated, and the annular packing ring is upon the exterior of the annular aluminum band, however, otherwise the structure of the nursing bottle and the function of the band and the packing ring, are identical with that shown in Figs. 1 and 3.

In cleaning the nursing bottle or sterilizing the same the two bottle sections may be unscREWEd, thereby allowing the “nurse” or the “mother” to have access easily and readily to the interior of the bottle.

The invention having been set forth, what is claimed as new and useful is:

1. In combination, two bottle sections having their adjacent portions provided with threads, an aluminum coupling band engaging said threads connecting the two bottle sections, said band having an annular groove, and a packing ring seated in said groove adapted to form a fluid tight connection between the bottle sections.

2. In combination with two bottle sections, an aluminum coupling band, said sections and band being telescopically united, said band having an annular dove-tailed V-shaped groove, and an annular packing ring seated in said groove forming a fluid tight joint between the bottle sections.

3. In combination with two bottle sections having their adjacent portions provided with opposite threaded channels, of an an-
nular aluminum band threaded in said channels coupling the two bottle sections together, said band having an annular dove-tailed V-shaped groove, an annular packing ring seated in said groove forming a fluid tight joint between the bottle sections.

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

EVANGELINE O'BRIEN.

Witnesses:

OLGA S. CASEY,
CHAS. E. VAHEY.