

**METHOD AND APPARATUS FOR PROVIDING A STERILITY SEAL
IN A MEDICINAL STORAGE BOTTLE****ABSTRACT**

5 A bottle having a sterility seal and a method for producing same are
disclosed. The bottle, which can be configured to retain a medicament in powder
or tablet form, features a protective cap configured to engage a transfer assembly
associated with the bottle. The cap includes one or more raised ridges on an
interior surface engageable with a portion of the transfer assembly. A band or
10 layer configuration of a sealing material such as silicone is applied to the transfer
assembly prior to insertion of the cap thereover. As the cap comes into surface
contact with the sealing material, the ridges cause the material to "roll up" into a
toroidal O-ring configuration, thereby forming a seal between the cap and the
bottle adapted to the dimensional variations of those components. The seal, which
15 is resilient, is able to withstand harsh handling treatment and pressure or
temperature variations without separation from the cap or bottle, thereby
providing a hermetic seal isolating the transfer assembly and, hence, the
medicament from the outside environment.

