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Muir et al.

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(54) **CONTAINER SYSTEM FOR RELEASABLY STORING A SUBSTANCE**

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A61B 19/00 (2006.01)
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(52) **U.S. Cl.** **604/415**

(58) **Field of Classification Search** 604/411,
604/412, 414-416

See application file for complete search history.

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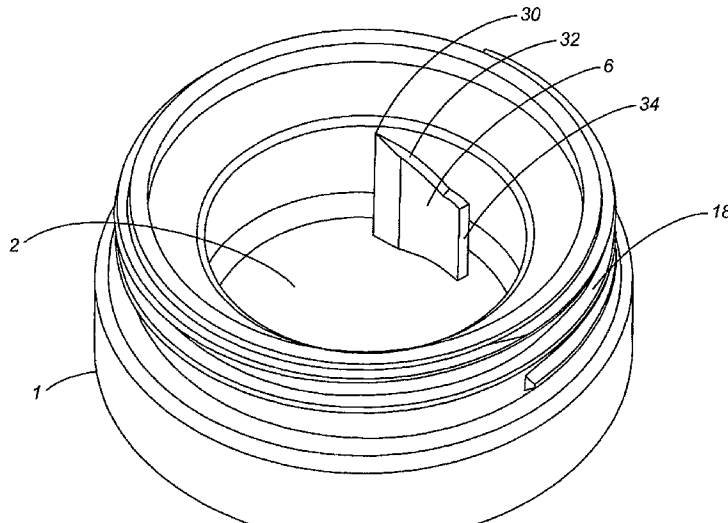
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(57) **ABSTRACT**

The present invention provides a container system for releasably storing a substance. The container system includes a vial having a sample storage chamber and a piercing member for piercing a membrane in the lid, which membrane seals a substance within a reservoir in the lid until the membrane is pierced by the piercing member. The container system optionally includes a funnel. There is also provided a method and kit for use of such a container system.

50 Claims, 15 Drawing Sheets



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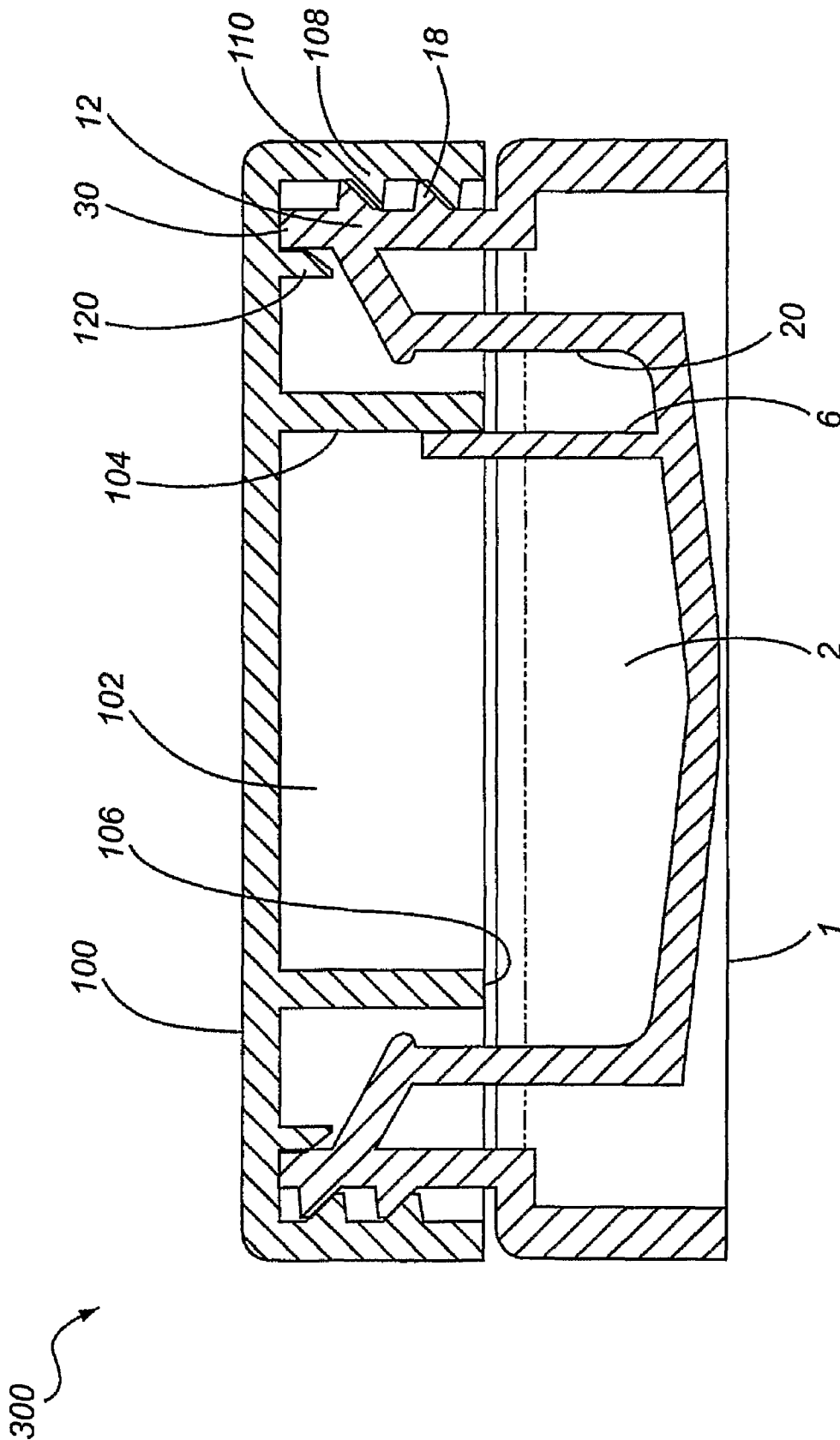


FIG. 1

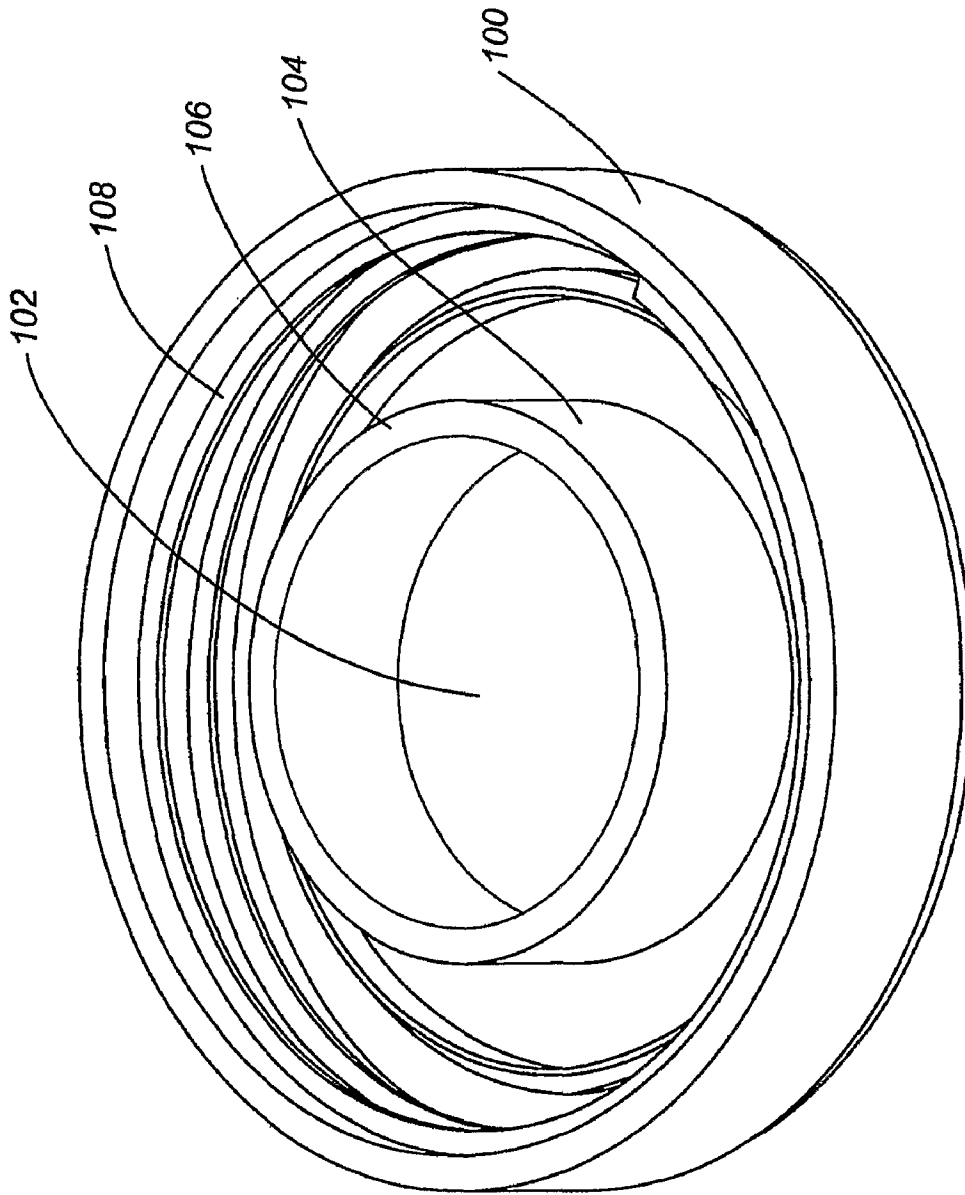


FIG. 2

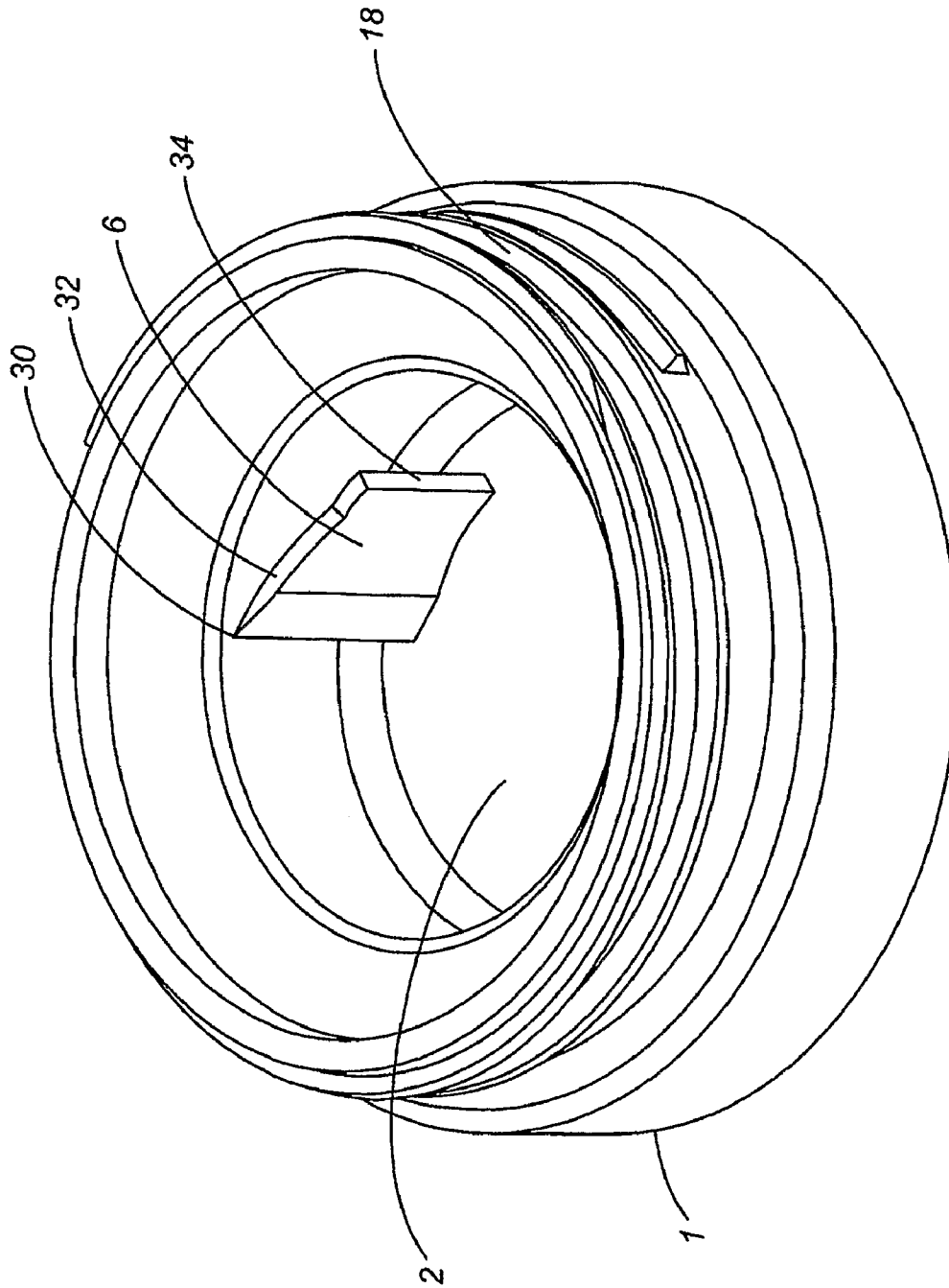


FIG. 3

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