



US008221381B2

(12) **United States Patent**
Muir et al.

(10) **Patent No.:** **US 8,221,381 B2**
(45) **Date of Patent:** **Jul. 17, 2012**

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

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 669 days.

(21) Appl. No.: **12/096,767**

(22) PCT Filed: **Dec. 11, 2006**

(86) PCT No.: **PCT/CA2006/002009**

§ 371 (c)(1),
(2), (4) Date: **Nov. 24, 2008**

(87) PCT Pub. No.: **WO2007/068094**

PCT Pub. Date: **Jun. 21, 2007**

(65) **Prior Publication Data**

US 2009/0216213 A1 Aug. 27, 2009

Related U.S. Application Data

(60) Provisional application No. 60/748,977, filed on Dec. 9, 2005.

(51) **Int. Cl.**
A61B 19/00 (2006.01)
A61F 5/32 (2006.01)

(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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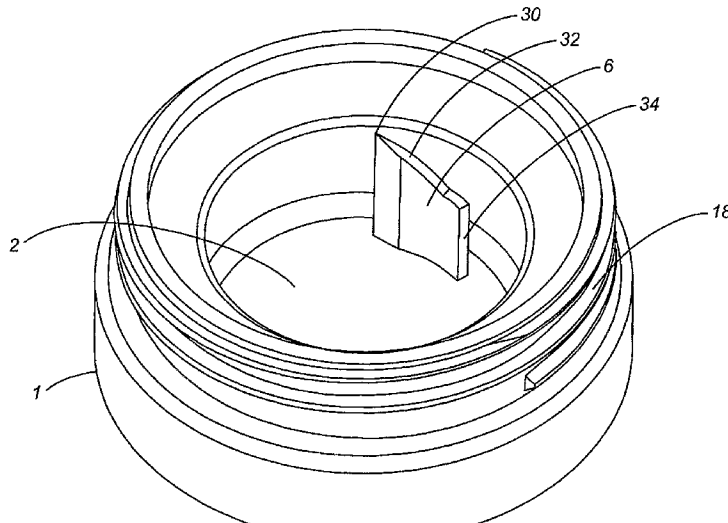
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(57) **ABSTRACT**

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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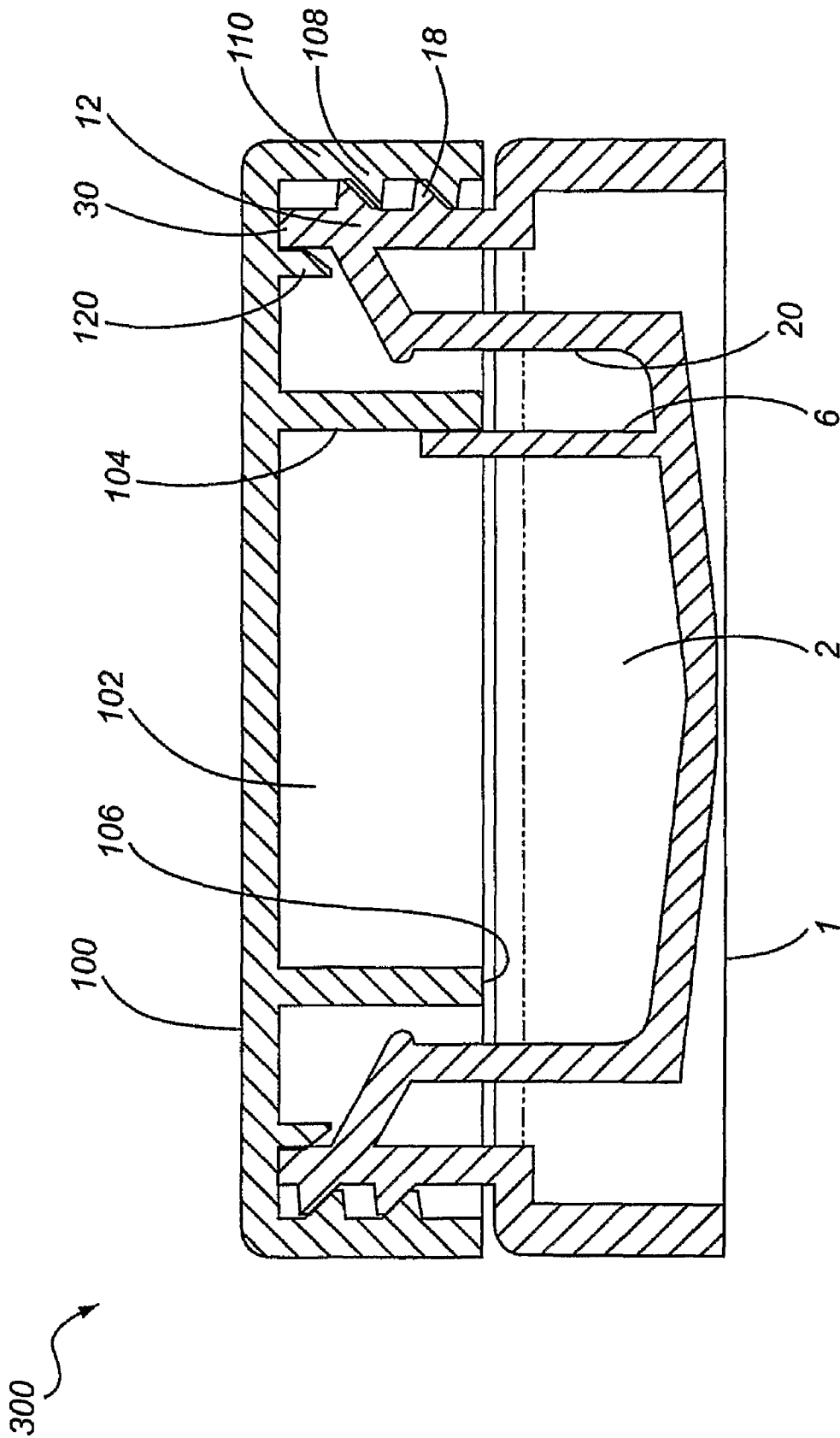


FIG. 1

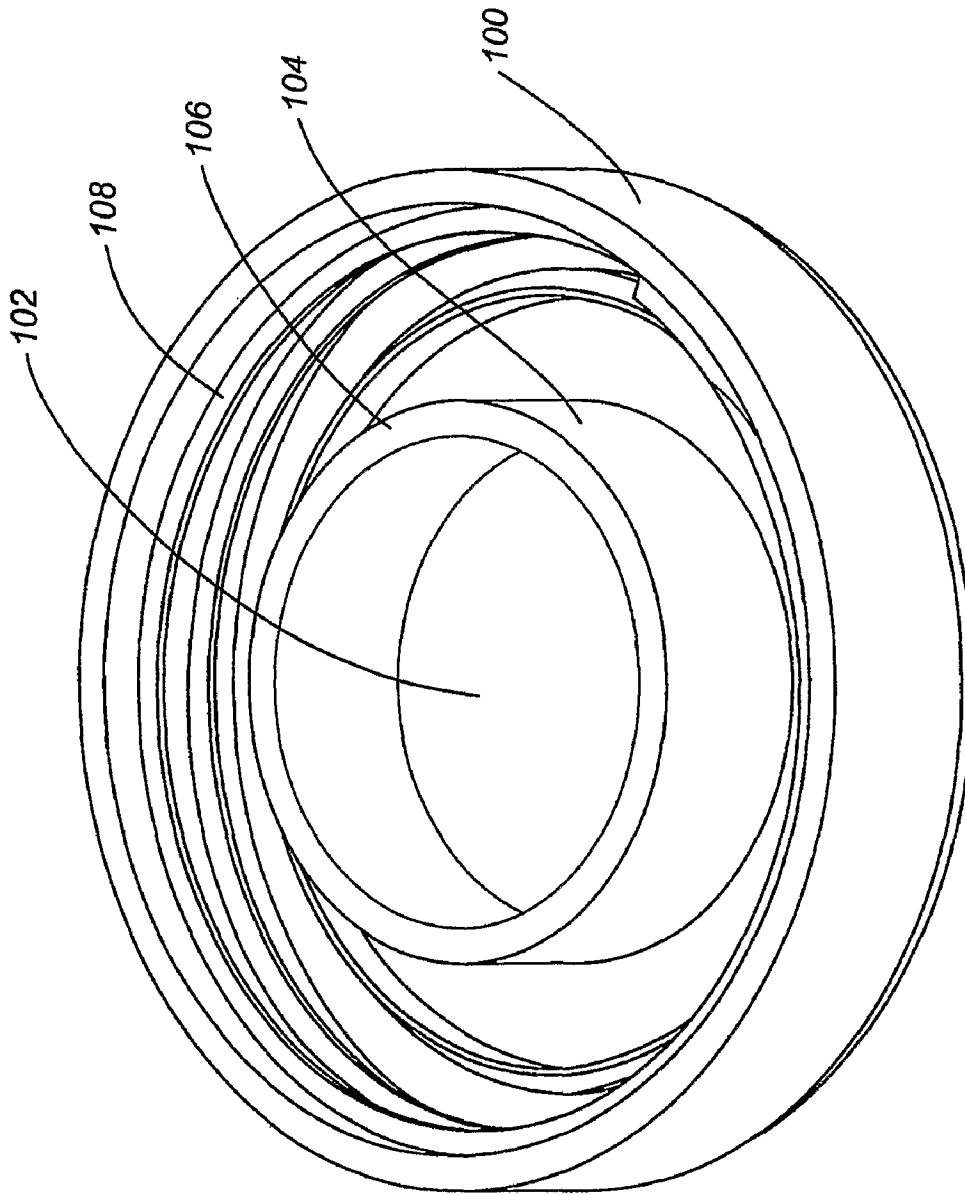


FIG. 2

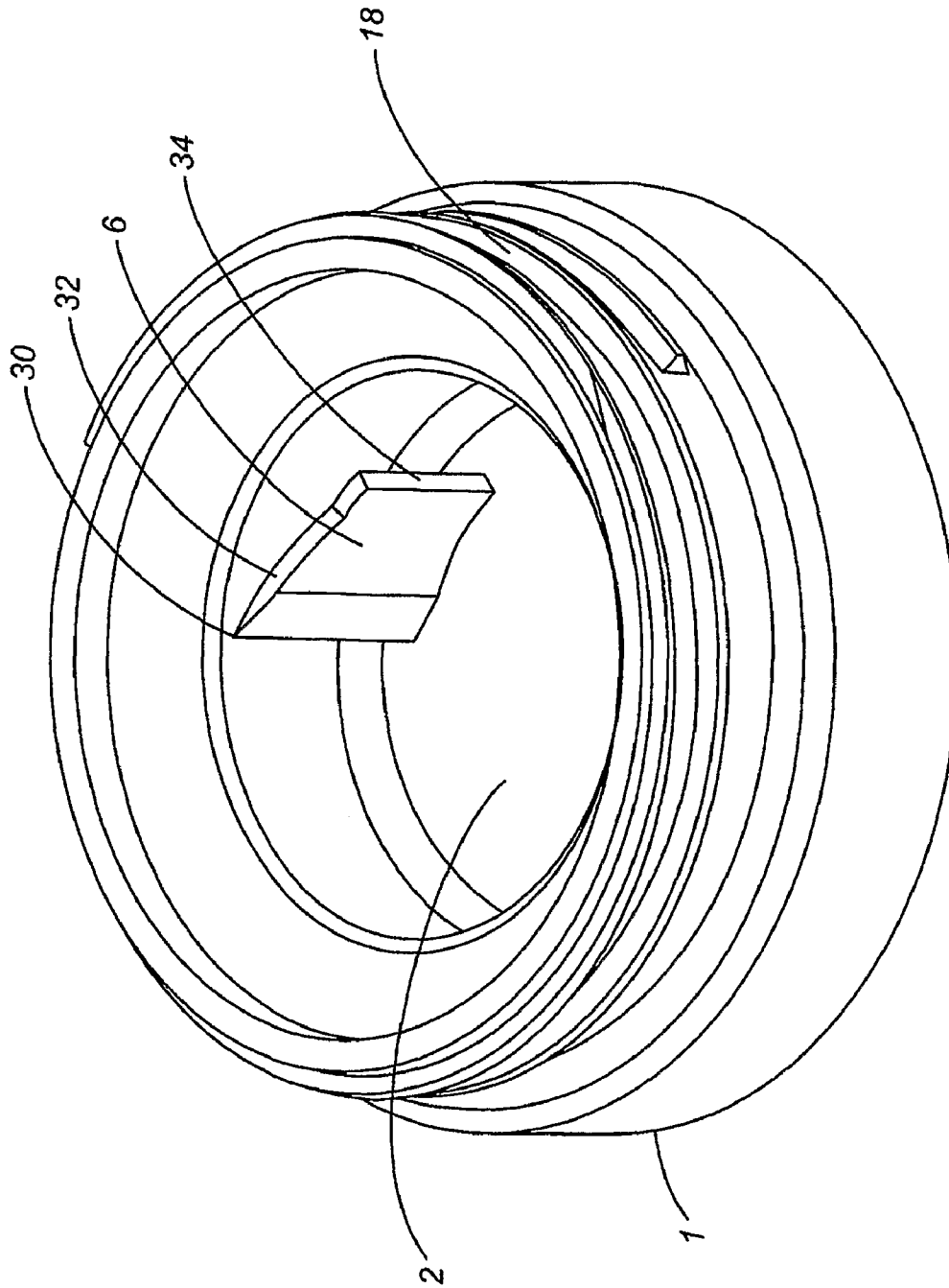


FIG. 3

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