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Strittmatter

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(54) **BREATHABLE SEALED DOME SWITCH ASSEMBLY**

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This patent is subject to a terminal disclaimer.

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H01H 13/70 (2006.01)

(52) **U.S. Cl.** **200/515**

(58) **Field of Classification Search** 200/515, 200/330

See application file for complete search history.

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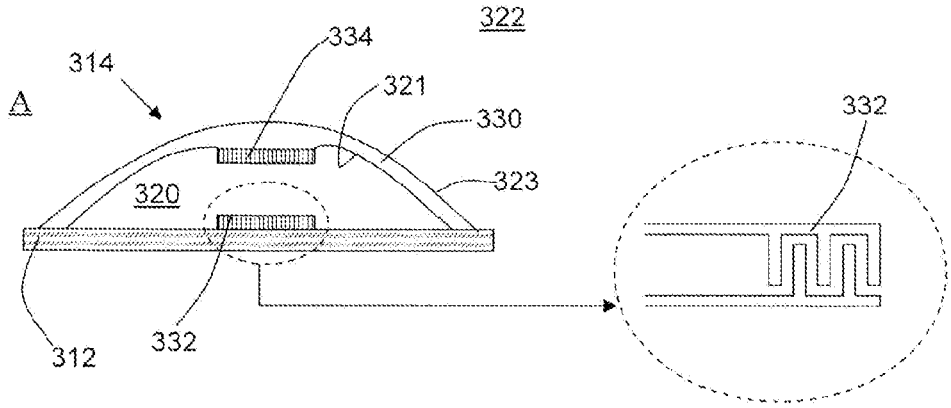
(57) **ABSTRACT**

A sealed dome switch assembly is provided to allow air to flow between the interior and the exterior of the dome switch during the collapse and recovery of the resilient dome shell. The sealed dome switch assembly comprises at least one vent leading between the interior space and the exterior space of the sealed dome switch, wherein the vent is covered by a membrane that is permeable to air and resilient to liquid (e.g. water) and small particles (e.g. dirt). A vent may also be used to network the interiors of a plurality of sealed dome switches to at least one exterior entranceway that is covered by the membrane.

16 Claims, 18 Drawing Sheets