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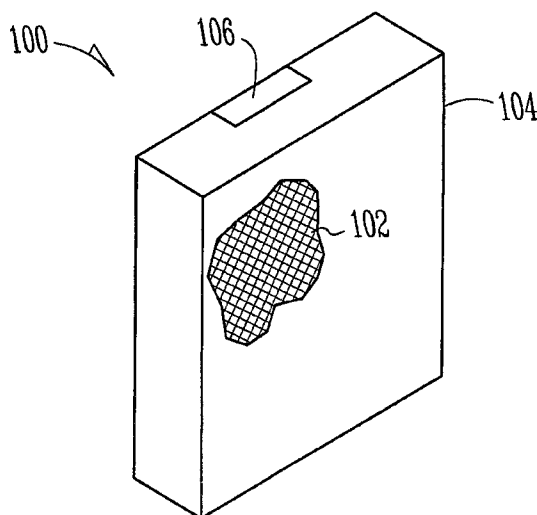


Fig. 1

(57) Abstract: Fuel cell covers, electronic systems and methods for optimizing the performance of a fuel cell system are disclosed. In the various embodiments, a fuel cell cover includes an interface structure proximate to one or more fuel cells. The interface structure is configured to affect one or more environmental conditions proximate to the one or more fuel cells. An electronic system includes an electronic device, one or more fuel cells operably coupled to the electronic device, and an interface structure proximate to the one or more fuel cells. The interface structure affects one or more environmental conditions near or in contact with the one or more fuel cells. A method includes providing a fuel cell layer, and positioning an interface layer proximate to the fuel cell layer.