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(54) Title: ENERGY STORAGE DEVICE AND METHOD OF ASSEMBLY OF AN ENERGY STORAGE DEVICE

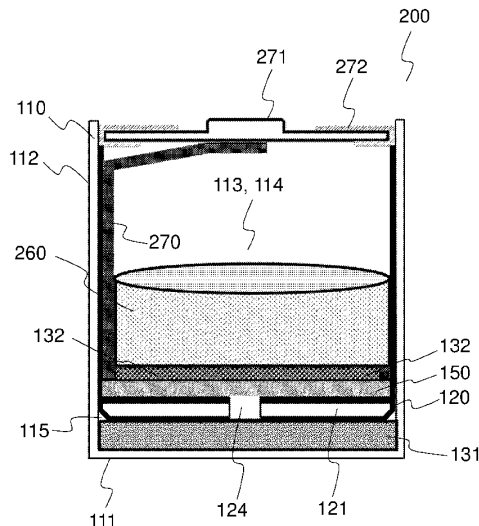


FIG. 2A

(57) Abstract: An energy storage device may include a housing and an electrolyte-impermeable-barrier-member disposed within an internal space of the housing. The electrolyte-impermeable-barrier-member may partition the internal space of the housing into a receptacle space and an intervening space. The energy storage device may further include a first electrode disposed in the intervening space and a second electrode disposed in the receptacle space. The electrolyte-impermeable-barrier-member may define at least one through-hole serving as a channel connecting the receptacle space and the intervening space. The electrolyte-impermeable-barrier-member may further include an electrolyte disposed with respect to the electrolyte-impermeable-barrier-member in a manner so as to be shielded by the electrolyte-impermeable-barrier-member from direct contact with the housing, wherein the electrolyte may interact with the second electrode within the receptacle space and may reach through the at least one through-hole of the electrolyte-impermeable-barrier-member to interact with the first electrode within the intervening space.

[Continued on next page]

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