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(54) Title: BATTERY LAYOUT INCORPORATING FULL METAL EDGE SEAL

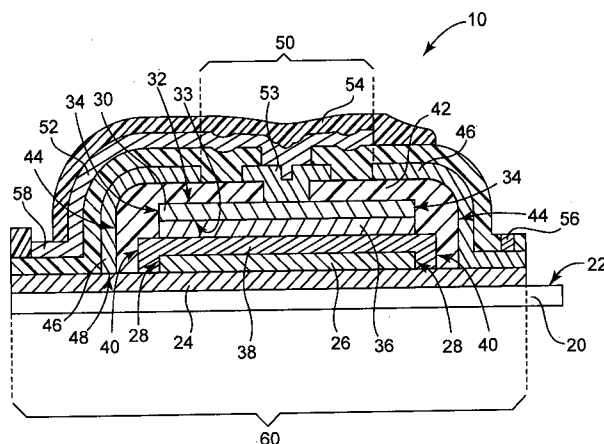


Fig. 1

(57) Abstract: The battery comprises a'n anode current collector and the other is a cathode current collection, cathode material being located on the cathode current collector; an electrolyte layer having a perimeter, the electrolyte separating the cathode material from the anode current collector; an insulation layer having a perimeter, the insulation layer together with the electrolyte layer separating the anode current collector from the cathode material and the cathode current collector. A first passivation layer (46) generally overlies at least the perimeter of the cathode material, the perimeter of the electrolyte, and the perimeter of the insulation layer, the first passivation layer (46) being electrically coupled to the first current collector and forming a continuous metal to metal seal around a defined area of the first current collector. The first passivation layer (46) has a via opening (50). A second passivation layer (53) is electrically coupled to the second current collector through the via opening (50) of the first passivation layer (46).

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