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(54) Title: A RECHARGEABLE METAL-AIR BATTERY CELL, A BATTERY STACK AND METHOD OF MANUFACTURING THE SAME

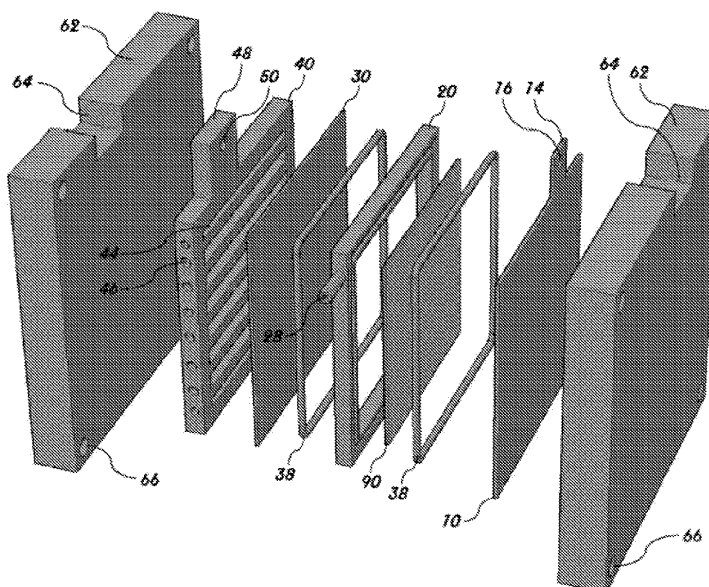


Fig. 6

(57) Abstract: A Rechargeable Metal-Air Battery Cell, a Battery Stack and Method of Manufacturing the Same A rechargeable metal-air battery cell, a battery stack and method of manufacturing the same are provided. The rechargeable metal-air battery cell includes a bipolar plate, an air cathode, a plenum frame and a metal anode. The bipolar plate defines a plurality of air channels. The air cathode abuts the bipolar plate such that the air cathode is in fluid communication with the air channels. The plenum frame includes a first major surface and a second major surface opposite the first major surface. The air cathode is adjacent the first major surface, and the metal anode is adjacent the second major surface of the plenum frame. The battery stack may include at least one rechargeable metal-air battery cell.

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