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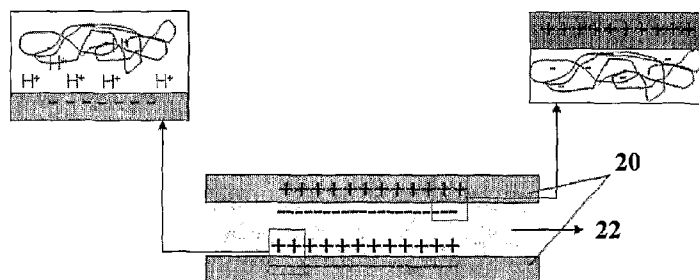
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(54) Title: ENERGY CHARGE STORAGE DEVICE USING A PRINTABLE POLYELECTROLYTE AS ELECTROLYTE MATERIAL

FIG. 1



(57) Abstract: An energy charge storage device, particularly from the group consisting of super capacitor, a hybrid electrochemical capacitor, a metal hydride battery and a fuel cell, comprising a first and second electrode and an electrolyte wherein the electrolyte comprises a printable polyelectrolyte e.g. polystyrene sulfonic acid (PSSH). The present invention also refers to methods of obtaining such energy storage device.