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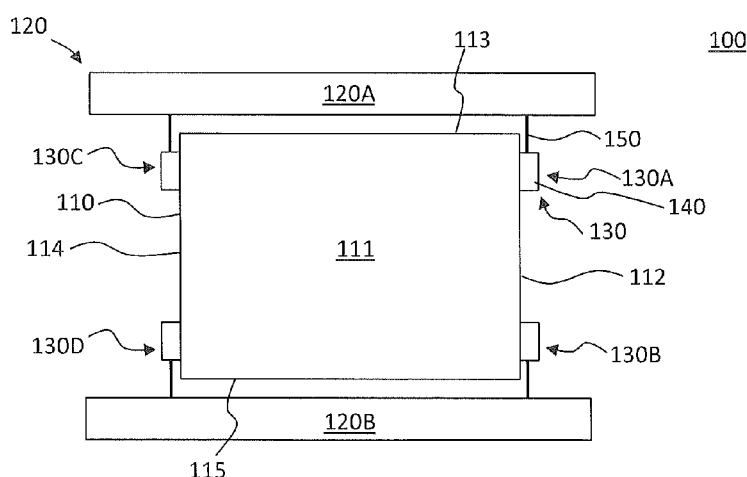


Fig. 1

(57) Abstract: The present invention relates to a panel assembly adapted to absorb a blast effect. The panel assembly includes a panel adapted to be displaceably mounted to a frame, an extendable connecting assembly extending from the panel and adapted to be connectable to the frame so as to mount the panel to the frame, the extendable connecting assembly is adapted to extend in a longitudinal direction and in a controlled manner, such that the extendable connecting assembly includes, a controlling portion connected to the panel, and a connecting portion adapted to be connectable to the frame, the connecting portion slidably coupled to the controlling portion, such that the controlling portion is adapted to control the extension of the connecting portion from the controlling portion, such that the extendable connecting assembly is adapted to extend in a controlled manner to control the movement of the panel when receiving the blast effect.

