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(54) Title: KELP-INSPIRED MARINE ENERGY CONVERTER

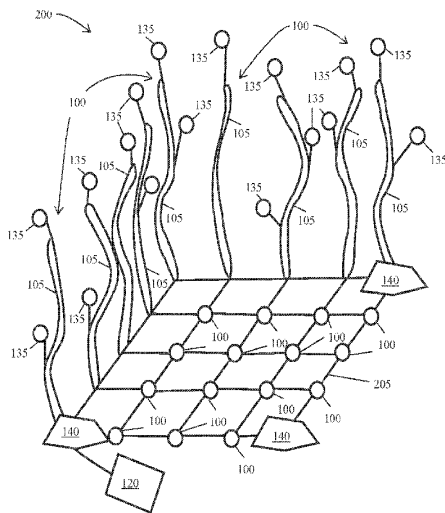


FIG. 2

(57) Abstract: A kelp-inspired marine energy converter (MEC) device having a plurality of strips of flexible electroactive materials connected to a power conditioning module and anchored to a structure (such as the ocean floor) is described. The movement of the strips caused by water motion or current action (i.e., water motion) converted by the electroactive material to electrical energy.

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