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Declarations under Rule 4.17:

- as to the identity of the inventor (Rule 4.17(i))
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
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(54) Title: OFFSHORE FLOATING FLEXIBLE SOLAR POWER PLANT

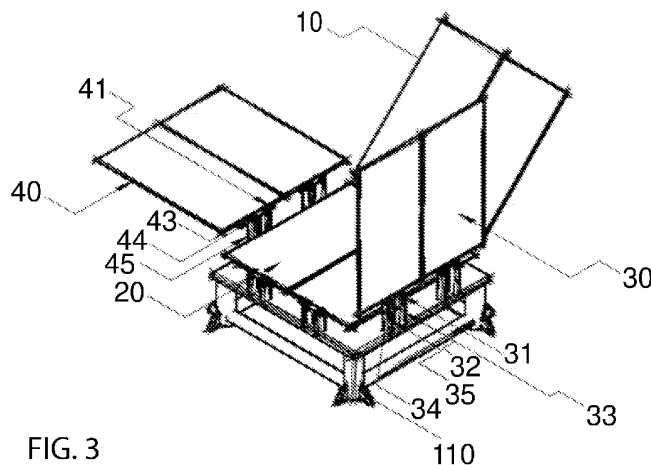


FIG. 3

(57) Abstract: A semi-submersible floating structure providing a rotatable or extendable solar panel array giving quadruple the solar collecting area compared to the supporting structure. The solar panels are deployed and retracted by either electric motors, or with the aid of ballast tanks which are filled and emptied in sequence. The panels can be retracted when severe offshore weather conditions are encountered. A hydrogen generation plant based on an electrolysis system is also provided with a compression offtake or power generated is directly stored in battery energy storage system.

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