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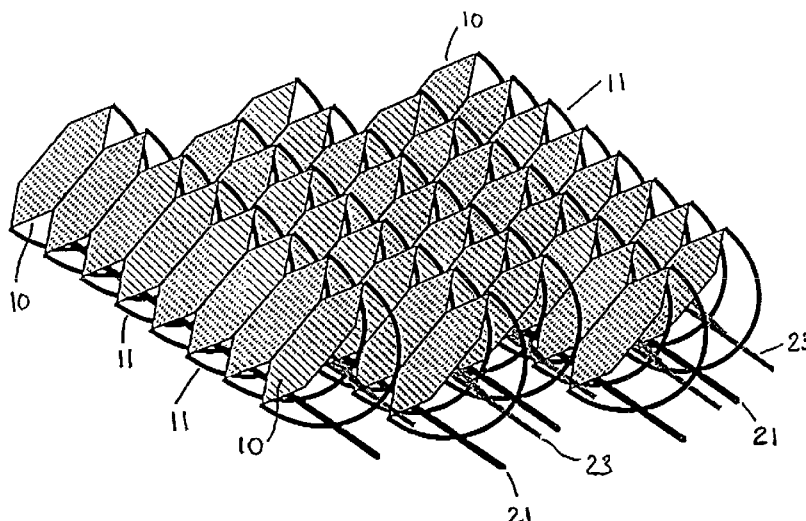
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(54) Title: SOLAR ENERGY REFLECTOR ARRAY



(57) **Abstract:** A heliostat which comprises a reflector element and a carrier that is arranged to support the reflector element above a ground plane. A drive means is arranged to impart pivotal drive to the carrier about a fixed, first axis that is, in use of the heliostat, disposed substantially parallel to the ground plane. The heliostat further comprises a means mounting the reflector element to the carrier in a manner which permits pivotal movement of the reflector element with respect to the carrier and about a second axis that is not parallel to the first axis. A drive means arranged to impart pivotal movement to the reflector element about the second axis. The reflector element, which may be flat or curved, may be constituted by a plurality of sub-reflector elements. Also, a plurality of the reflector elements may be supported by a single carrier. A plurality of the above defined heliostats may form a solar energy reflector array with the heliostats being arranged to reflect incident solar radiation to at least one target collector.



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