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(54) Title: SOLAR COLLECTOR

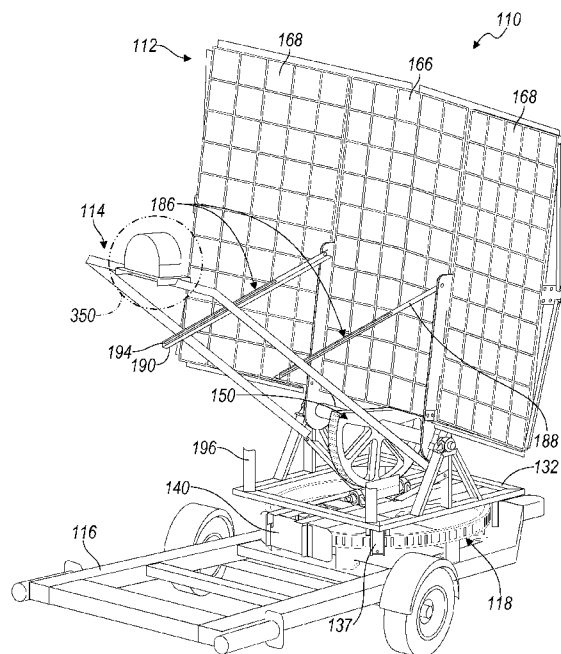


FIG. 10

(57) Abstract: A solar collector is provided with a reflective panel assembly that is supported by a frame and pivots about a first horizontal axis. The panel assembly is configured for reflecting sunlight to a common focal point, and includes a central panel and a pair of outer panels each pivotally coupled to the central panel and configured for folding over the central panel. A collector assembly is mounted relative to the frame and pivotal about a second horizontal axis. The collector assembly is configured for collecting solar energy and includes a receiver that is positioned at the focal point. The receiver is configured for extracting energy from the reflected sunlight. The solar collector may also include a four-bar linkage assembly for supporting the panel assembly and the collector assembly during movement from a collapsed position and a partially extended position.



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