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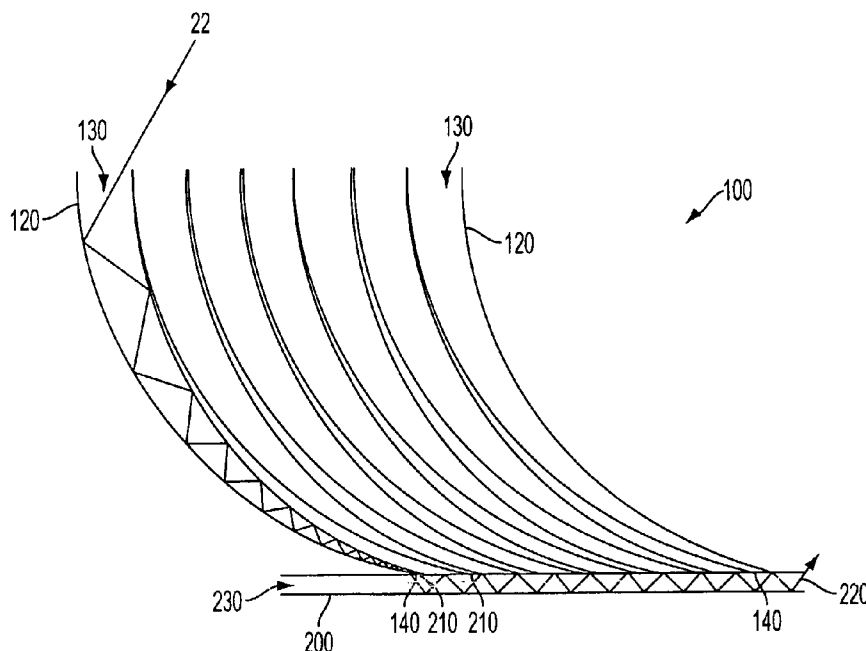
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(54) Title: ELECTROMAGNETIC RADIATION COLLECTOR



(57) Abstract: An electromagnetic radiation collector is provided. The electromagnetic radiation collector has a concentration chamber for collecting and concentrating electromagnetic radiation and directing it to a target, the concentration chamber having at least one inlet opening, the inlet opening having a cross-sectional area. The collector also has a channeling area having an entry end for receiving the electromagnetic radiation, the entry end having a cross-sectional area, an exit end adjacent to the inlet opening of the concentration chamber, and at least one reflective wall between the entry end and the exit end. The cross-sectional area of the inlet opening is smaller than the cross-sectional area of the entry end of the channeling area.



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