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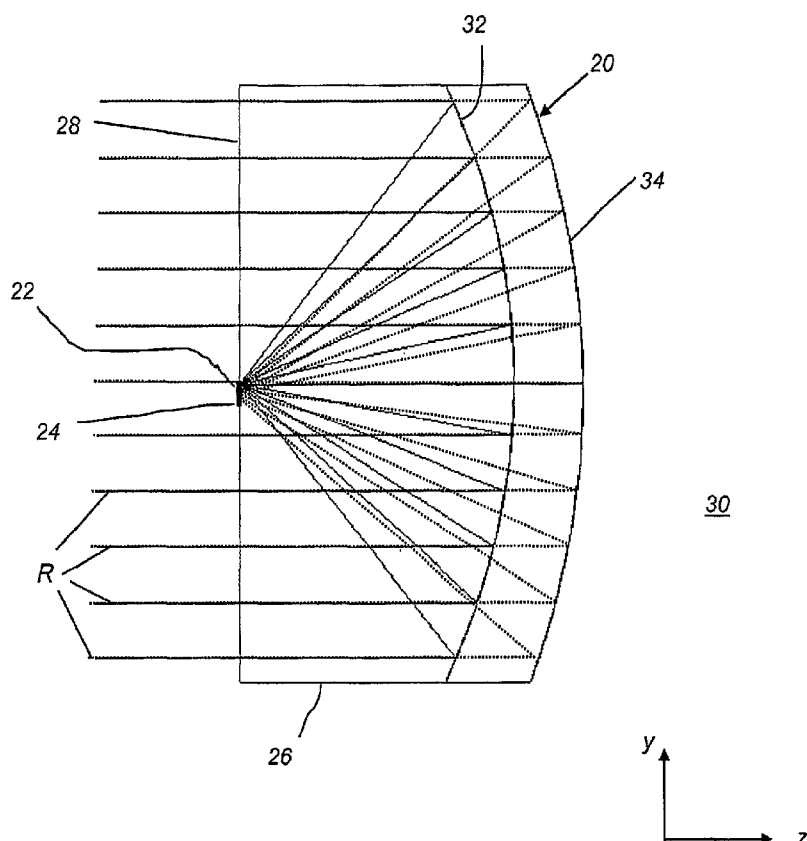
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(54) Title: LIGHT COLLECTOR AND CONCENTRATOR



(57) Abstract: An apparatus for obtaining radiant energy from a polychromatic radiant energy source has a spectral separator with a first curved surface concave to the incident radiant energy and treated to reflect a first spectral band toward a first focal region and to transmit a second spectral band and a second curved surface concave to the incident radiant energy and reflecting the second spectral band toward a second focal region. The first and second curved surfaces are optically positioned so that the first and second focal regions are spaced apart from each other. There are first and second light receivers, wherein the first light receiver is disposed nearest the first focal region for receiving the first spectral band and the second light receiver is disposed nearest the second focal region for receiving the second spectral band.



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