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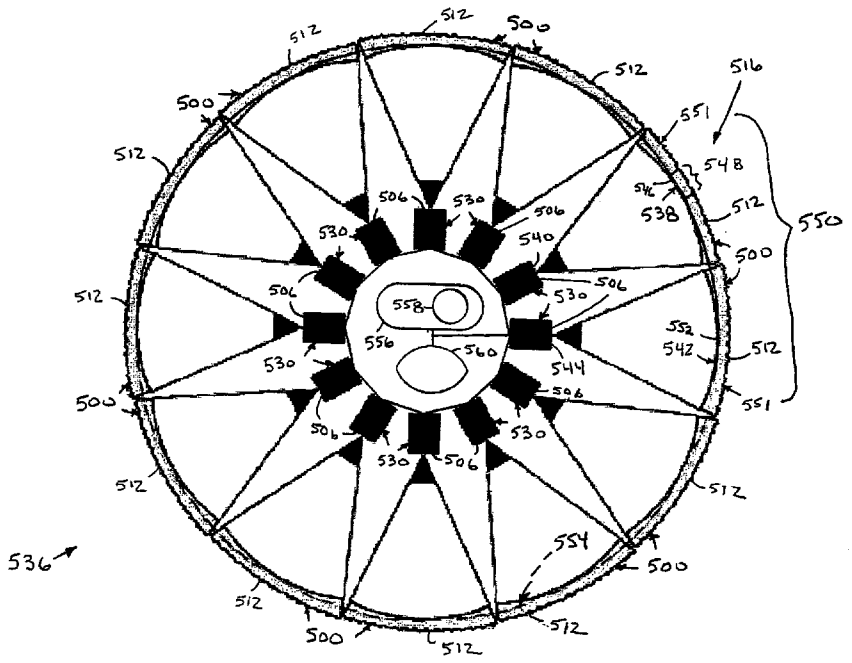
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(54) Title: MULTI-DIMENSIONAL IMAGING APPARATUS, SYSTEMS, AND METHODS



(57) Abstract: A lens, an apparatus, and a system, as well as a method and article, may operate to receive a plurality of left eye rays through a first plurality of separating facets of a lens at an image acquisition plane, and to receive a plurality of right eye rays through a second plurality of separating facets of the lens at the image acquisition plane. Data acquired from the image plane may be used to construct a stereoscopic image, including a moving, panoramic stereoscopic image. Lenses, image capture devices, and projectors may be implemented that operate using three or more viewpoints.

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