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(54) Title: A SYSTEM AND METHOD FOR PRODUCING STEREOSCOPIC IMAGES

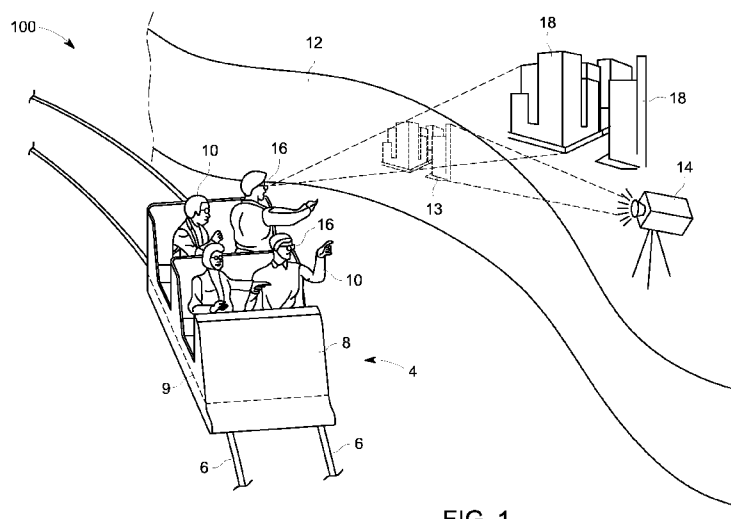


FIG. 1

(57) Abstract: A system and method for displaying a stereoscopic image to a guest that compensates for spatial orientation of the guest includes providing a guest with a device comprising eye lenses, projecting a first and a second image on a surface viewable by the guest, wherein the first image has a polarizing vector that is orthogonal to a polarization vector of the second image, varying the rotational and translational orientation of the guest relative to the surface viewable by the guest, maintaining a directional correspondence between the polarizing vector for the one eye lens and that of the first image and the other eye lens and that of the second image during changes in the guest rotational and translational orientation to reduce distortion in the images viewed by the guest.



**Declarations under Rule 4.17:**

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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