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(54) Title: SYSTEMS AND METHODS FOR PROJECTING IMAGES FROM LIGHT FIELD DISPLAYS BASED ON REFLECTED LIGHT RAYS

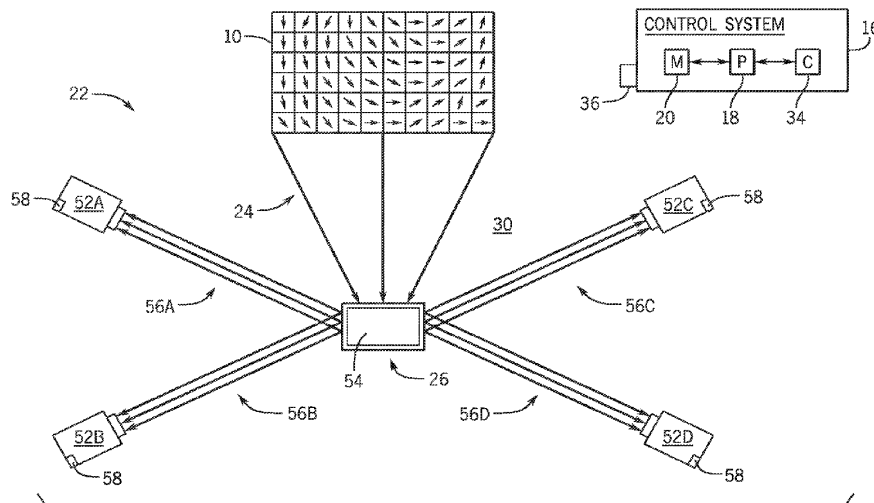


FIG. 8

(57) **Abstract:** Systems and methods presented herein include light field displays 10 configured to display primary autostereoscopic images and to simultaneously project (e.g., in real time, while displaying their own primary autostereoscopic images) light rays 24 toward display devices 26, (e.g., either reflective devices or cameras) to display secondary autostereoscopic images via the display devices 26. The light rays 24 projected from the light field displays 10 are controlled by a control system 16 based at least in part on positional data (e.g., position, orientation, and/or movement) of the display devices 26, which may be determined by the control system 16 based at least in part on detection of light rays 56 that are reflected off the display devices 26.

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