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(54) **Title:** DISPLAY SYSTEM AND COMPONENTS

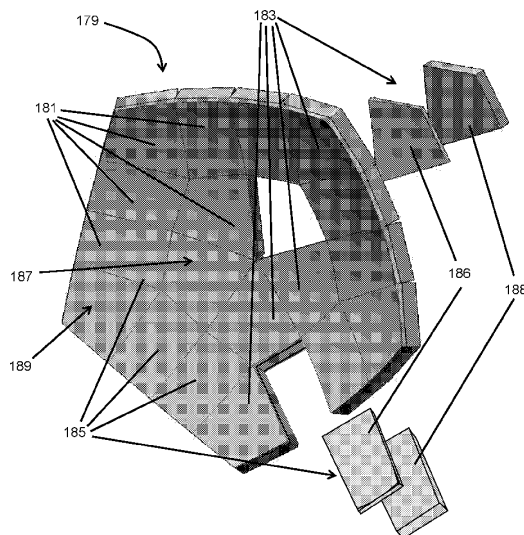


FIG. 32

(57) **Abstract:** A display system comprises a screen having a concave spherical surface positioned so as to be visible to a user of the system. The screen comprises a plurality of kite-shaped screen elements supported adjacent one another so as to form that spherical surface. Each of the screen elements comprises a respective faceplate comprising optical fibers extending adjacent each other so as to transmit light therethrough between two opposing face surfaces. One of the face surfaces is a concave spherical display image output surface, and the other of the face surfaces is a substantially planar image input surface. The screen elements also each comprise a respective image panel having a field of pixels each transmitting light corresponding to serial images of said panel. The fibers of the faceplate receive the light of the pixels of the image panel and together transmit the light from the image panel coherently to its image output surface so that the images of the panel are displayed on the image output surface.

WO 2018/058043 A1

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