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(54) Title: 3D LIGHT FIELD DETECTOR, SENSOR AND METHODS OF FABRICATION THEREOF

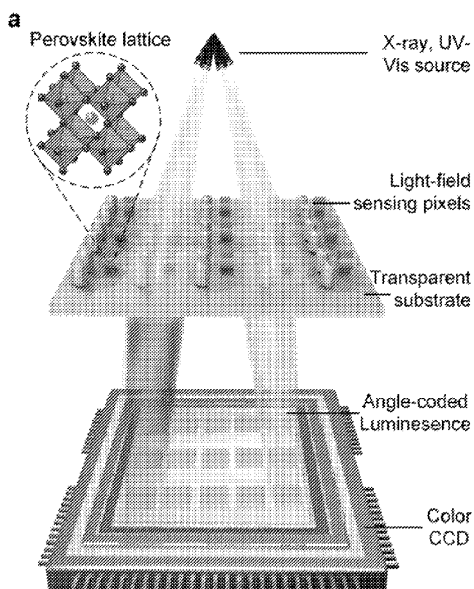


Figure 1

(57) Abstract: The present disclosure concerns a light field detector for converting a vector of an electromagnetic radiation into a chromatic output, comprising at least one azimuth detector on a transparent substrate and the at least one azimuth detector comprising at least two luminescent nanocrystal pixels having different emission wavelengths relative to each other. The present disclosure also concerns a light field sensor comprising the light field detector thereof and methods of fabricating the light field detector.

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