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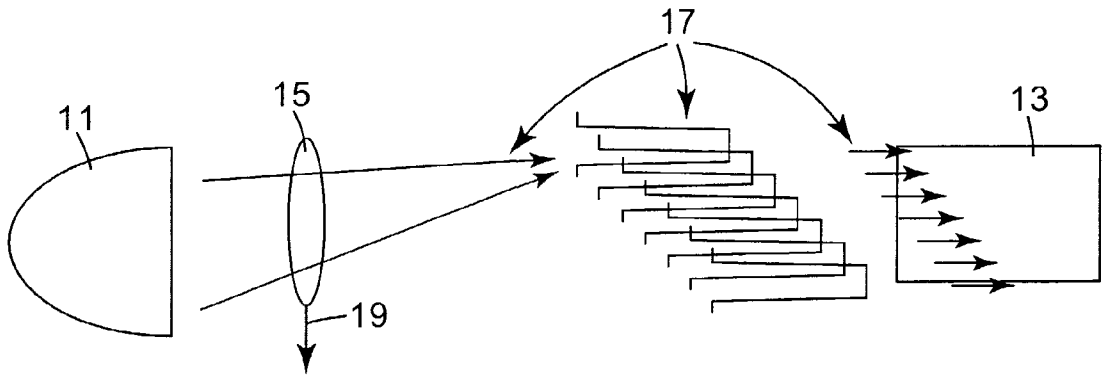
(54) Title: SWEPT ILLUMINATION TO REDUCE LCD LAG IN FRONT AND REAR PROJECTION DISPLAYS



(57) Abstract: Methods for illuminating the display area of a liquid crystal panel (13) are provided. Illumination light (17) is compressed into a stripe which is scanned across the display area in synchronization with the display's refresh cycle. In particular, the scanning is performed so that for each row of the display, the majority of the illumination light which impinges on the row as result of the scan is in the last half of the cycle fresh period for the row. In this way, the ability to display moving objects is improved.

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