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(54) Title: CONTROL OF FLICKER IN DISPLAY IMAGES USING LIGHT EMITTING ELEMENT ARRAYS AS VIEWED BY A VIEWER IN MOTION

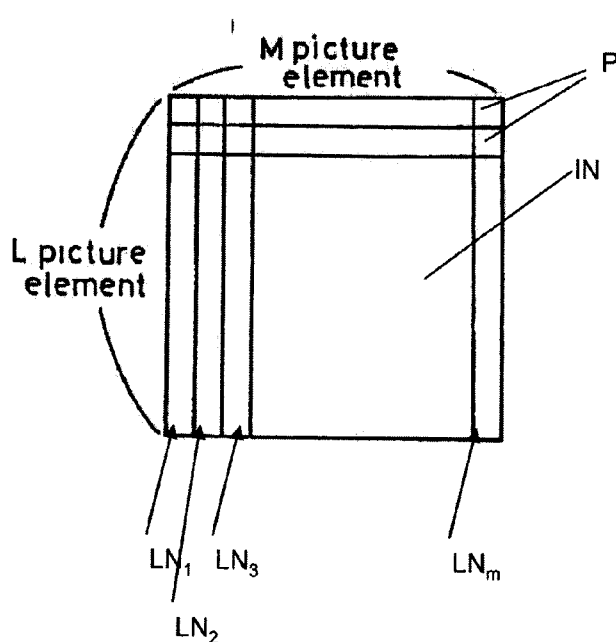


Figure 2d

(57) Abstract: A system for generating a display image having multiple image display columns in a variable vehicle speed environment, the display image for viewing by a viewer in motion, the system comprising: a display unit having a vertical column of energizable light elements, each row of the vertical column having at least one energizable light element, the display unit positioned adjacent to a pathway used by a moving vehicle; and a controller configured for receiving a first vehicle speed; generating first display parameters based on the first vehicle speed for at least one row element in a first image display column of the multiple image display columns; receiving a second vehicle speed different from the first vehicle speed; generating second display parameters based on the second vehicle speed for at least one row element in a second image display column of the multiple image display columns; and transmitting the first and second display parameters to the display unit for use in generating the display image such that the first image display column and the second image display column of the display image are both to be generated sequentially from the same vertical column of energizable light elements; wherein the visual system of the viewer perceives the first image display column and the second image display column as part of the same display image.



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