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Kimpe et al.

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(54) **METHODS, APPARATUS, AND DEVICES FOR NOISE REDUCTION**

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G06K 9/00 (2006.01)
G09G 5/10 (2006.01)

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See application file for complete search history.

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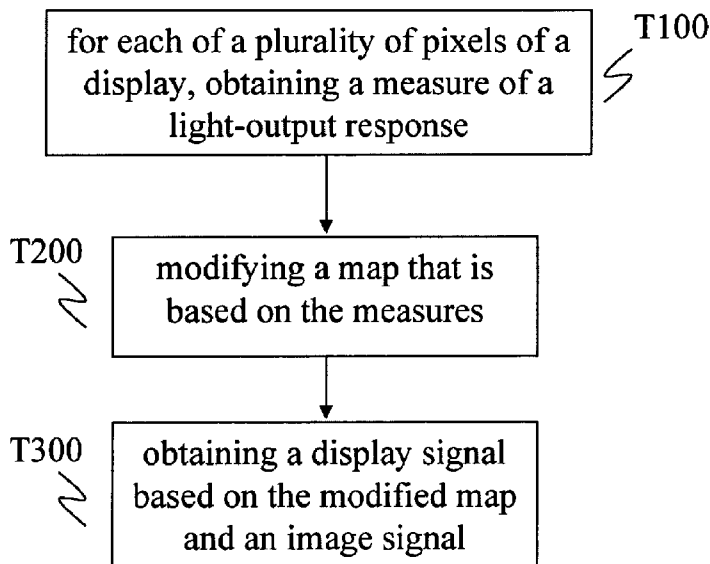
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(57) **ABSTRACT**

Embodiments include applying a compensation to an image signal based on nonuniformity of a display device. The compensation is based on information about variations in light-output response among elements of the display device. The compensation is also modified based on a characteristic of a desired use of the display.

115 Claims, 16 Drawing Sheets



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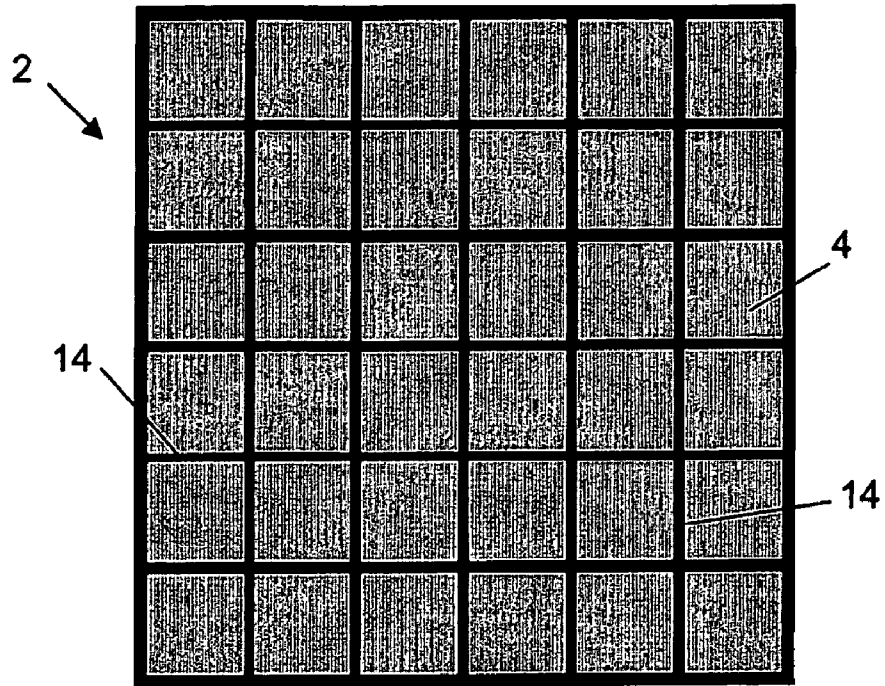


Fig. 1

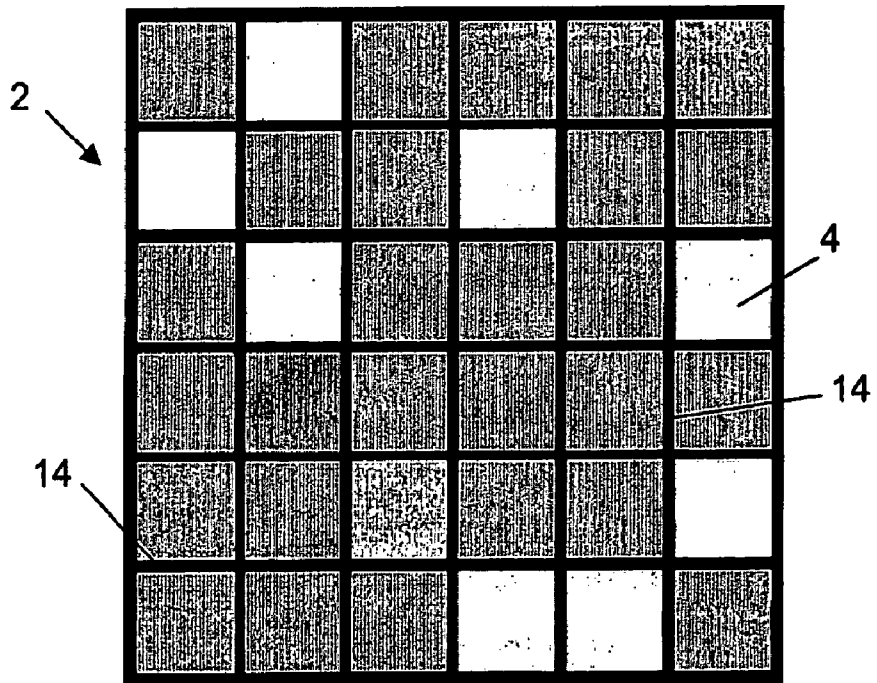


Fig. 2

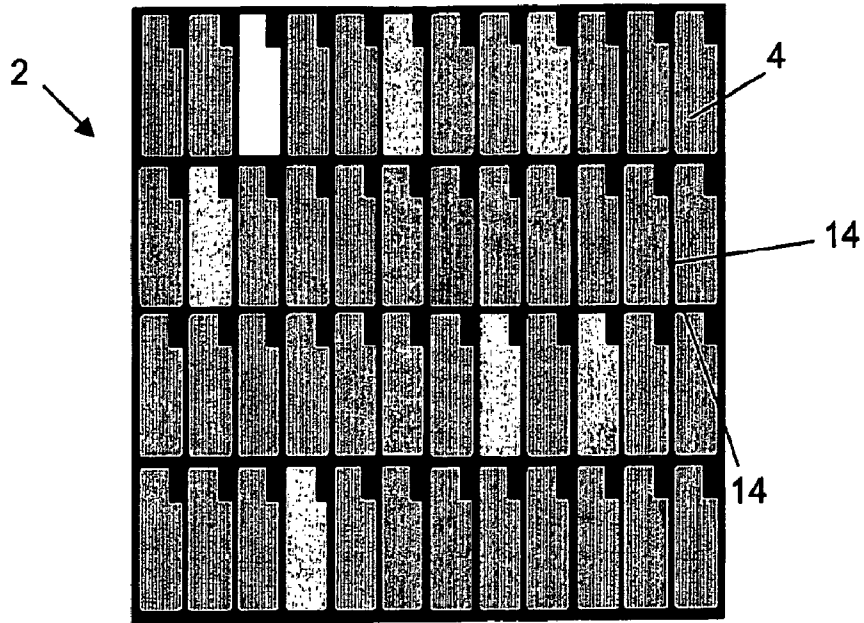


Fig. 3

Drive signals (row and column signals, power)

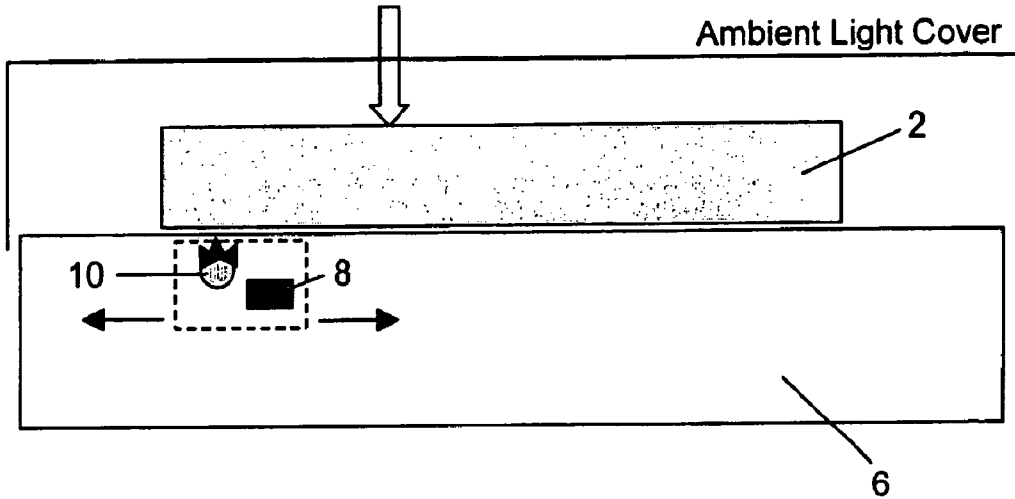


Fig. 4

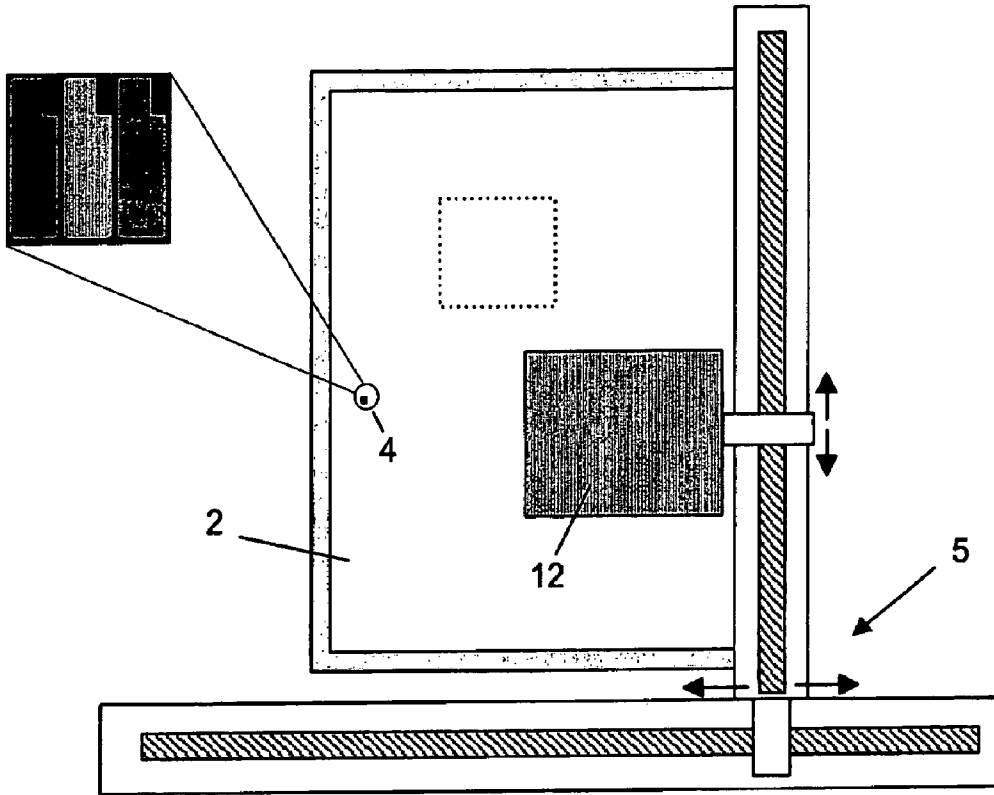


Fig. 5

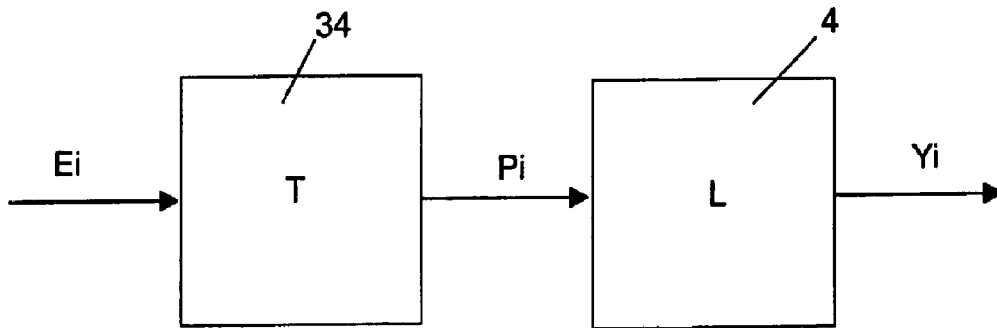


Fig. 8

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