

ABSTRACT OF THE DISCLOSURE

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MULTIPLE-BIT STORAGE ELEMENT FOR
BINARY OPTICAL DISPLAY ELEMENT

10 An optical display element (200) of one embodiment of the invention is
disclosed that comprises a binary optical display element (202) and a multiple-bit
storage element (204) to store a number of bits of a color intensity value to be
displayed by the binary optical display element during a display period. Each bit
is loaded from the multiple-bit storage element into the binary optical display
15 element one or more times during the display period to achieve the color intensity
value.

(FIG 2)