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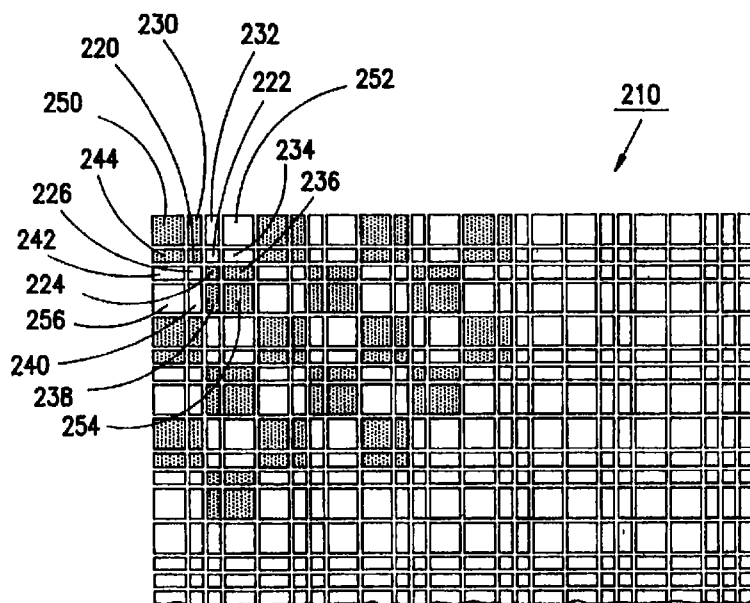
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(54) Title: RECONFIGURABLE MICRODISPLAY



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(57) Abstract: The present invention comprises a flat panel display (210), such as a liquid crystal microdisplay having a plurality of square (220, 222, 224, 226, 250, 252, 254, 256), and rectangular (230, 232, 234, 236, 238, 240, 242, 244), electrodes that are addressable separately to produce a fine resolution display or addressable in combination to create a lower resolution display. By providing an array of square pixel electrodes with adjacent rectangular electrodes, the display is capable of displaying, for example, XGA or SXGA video data, full-size undistorted and in its native display format, thus obviating the need for expensive image processing chips to convert the image data from one format to another.