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[54] ELECTROPHORETIC DISPLAY PANEL WITH INTERLEAVED CATHODE AND ANODE

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[52] **U.S. Cl.** **345/107**; 359/296

[58] **Field of Search** 340/787, 772, 783; 359/296; 345/107, 84, 60

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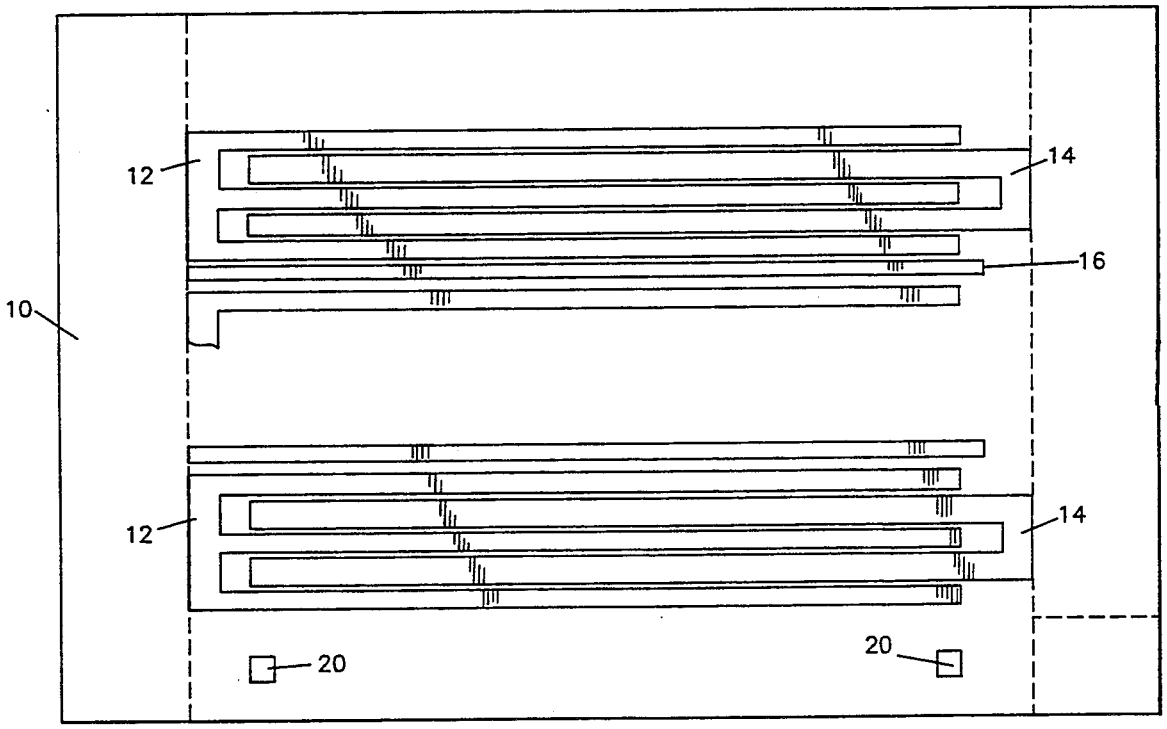
[57] **ABSTRACT**

An EPID electrode configuration includes a plurality of parallel, tined, interdigitized anode and cathode lines deposited upon a faceplate. A plurality of guard elements are provided between adjacent pairs of anode and cathode lines. In a first embodiment, grid lines oriented perpendicularly to the anode and cathode lines are applied to a rearplate of the EPID. Alternatively, the grid lines may be deposited on an intermediate coating of SiO_2 and photoresist overlying the anode and cathode lines.

28 Claims, 8 Drawing Sheets