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**Kim et al.**

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(54) **FRINGE FIELD SWITCHING LIQUID CRYSTAL DISPLAY**

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(51) Int. Cl.<sup>7</sup> ..... **G02F 1/1343**

(52) U.S. Cl. .... **349/141; 349/143**

(58) Field of Search ..... 349/141, 143

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(57) **ABSTRACT**

Disclosed is a fringe field switching liquid crystal display capable of improving picture quality by minimizing vertical components in a fringe field. The fringe field liquid crystal display includes: a lower substrate; a gate bus line extended on the lower substrate in a selected direction; a data bus line disposed to cross the gate bus line, thereby defining a sub pixel; a thin film transistor disposed at an intersection of the gate bus line and the data bus line; a counter electrode formed at each sub pixel and formed in shape of a rectangular plate, the counter electrode to which a common signal is continuously transmitted; and a pixel electrode electrically connected to the thin film transistor and comprising a plurality of teeth which are overlapped with the counter electrode so as to form a fringe field with the counter electrode, wherein the counter comprises a plurality of slits, and the slits are disposed between the teeth of the pixel electrode, and the counter electrode and the pixel electrode are made of a transparent conductor.

**1 Claim, 5 Drawing Sheets**

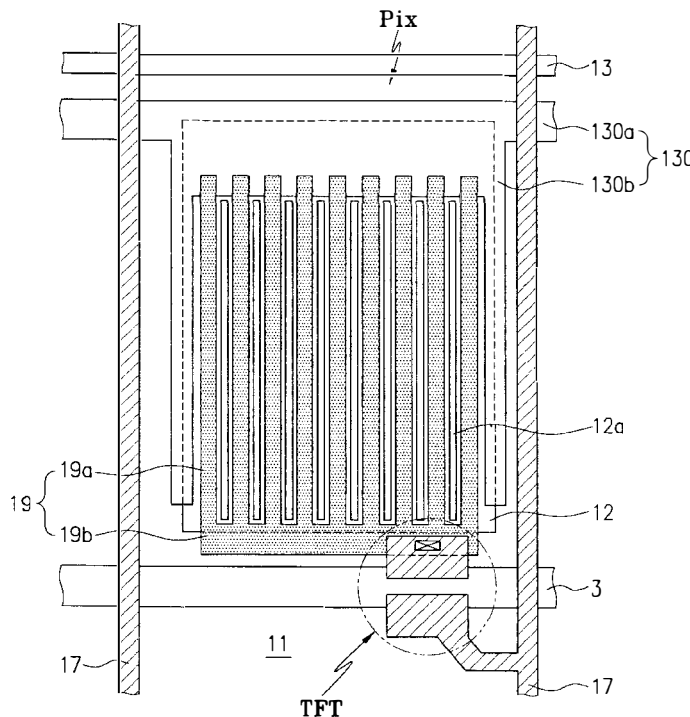
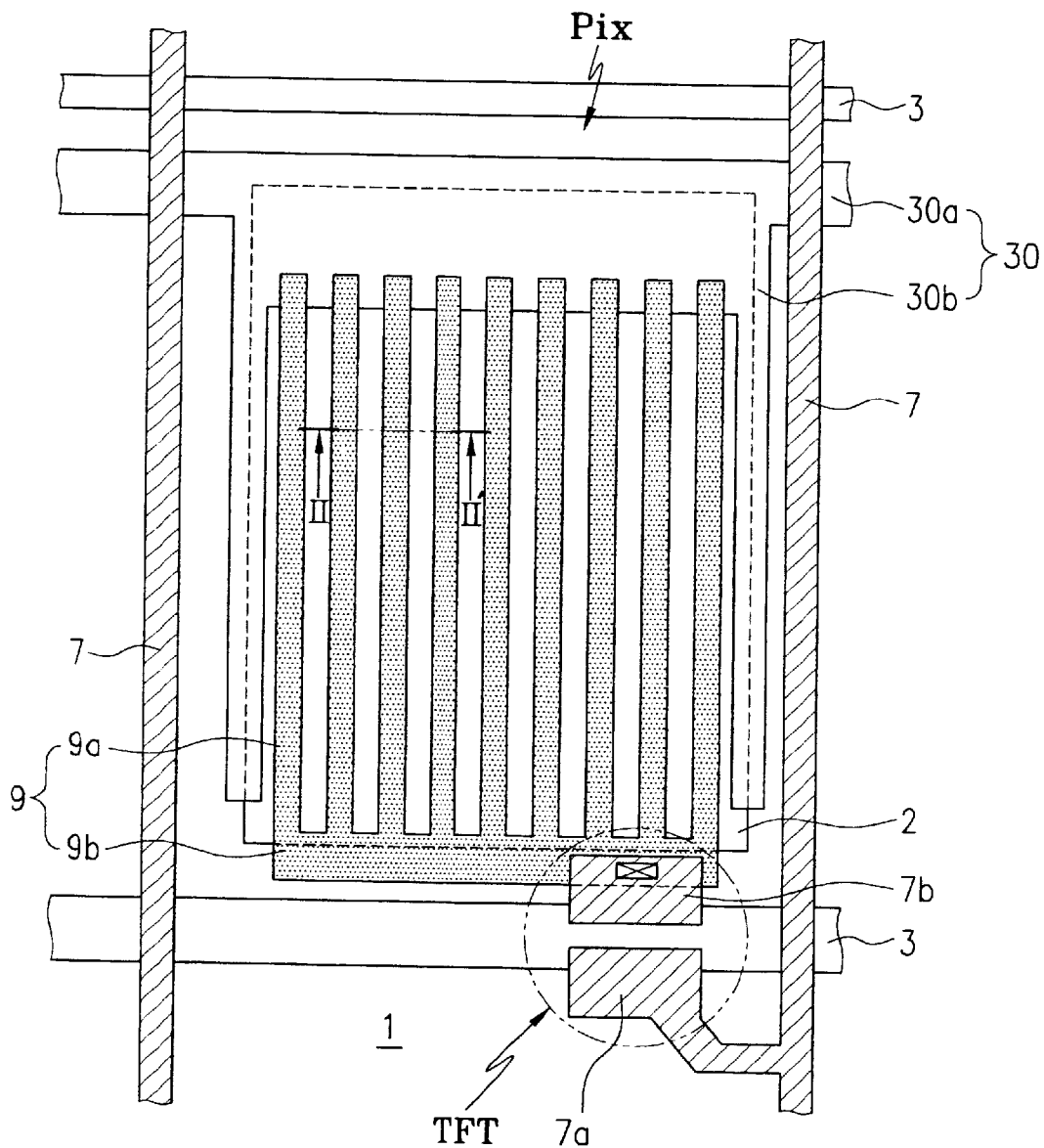
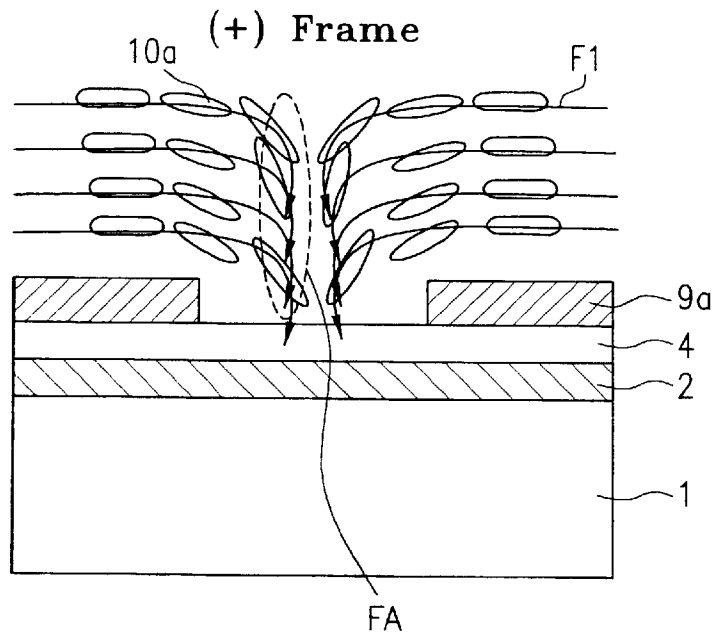


FIG. 1  
(PRIOR ART)



**FIG. 2**  
(PRIOR ART)



**FIG. 3**  
(PRIOR ART)

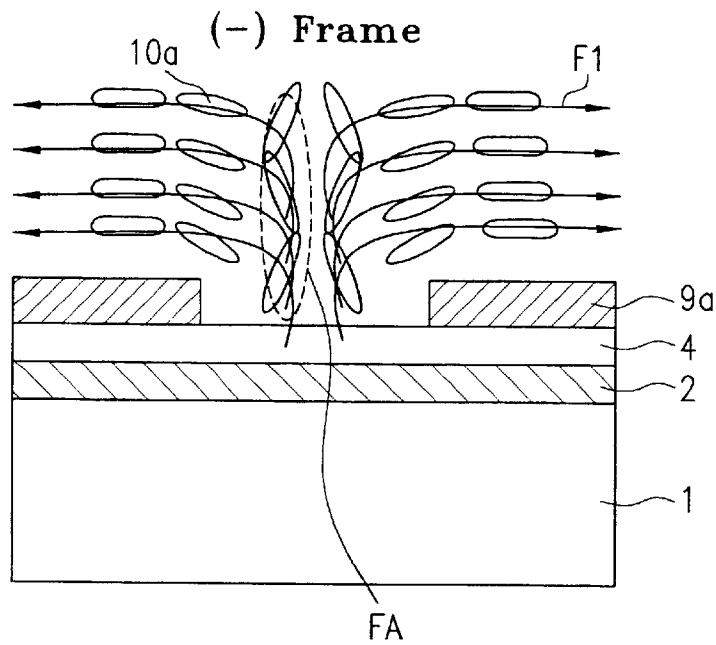


FIG. 4

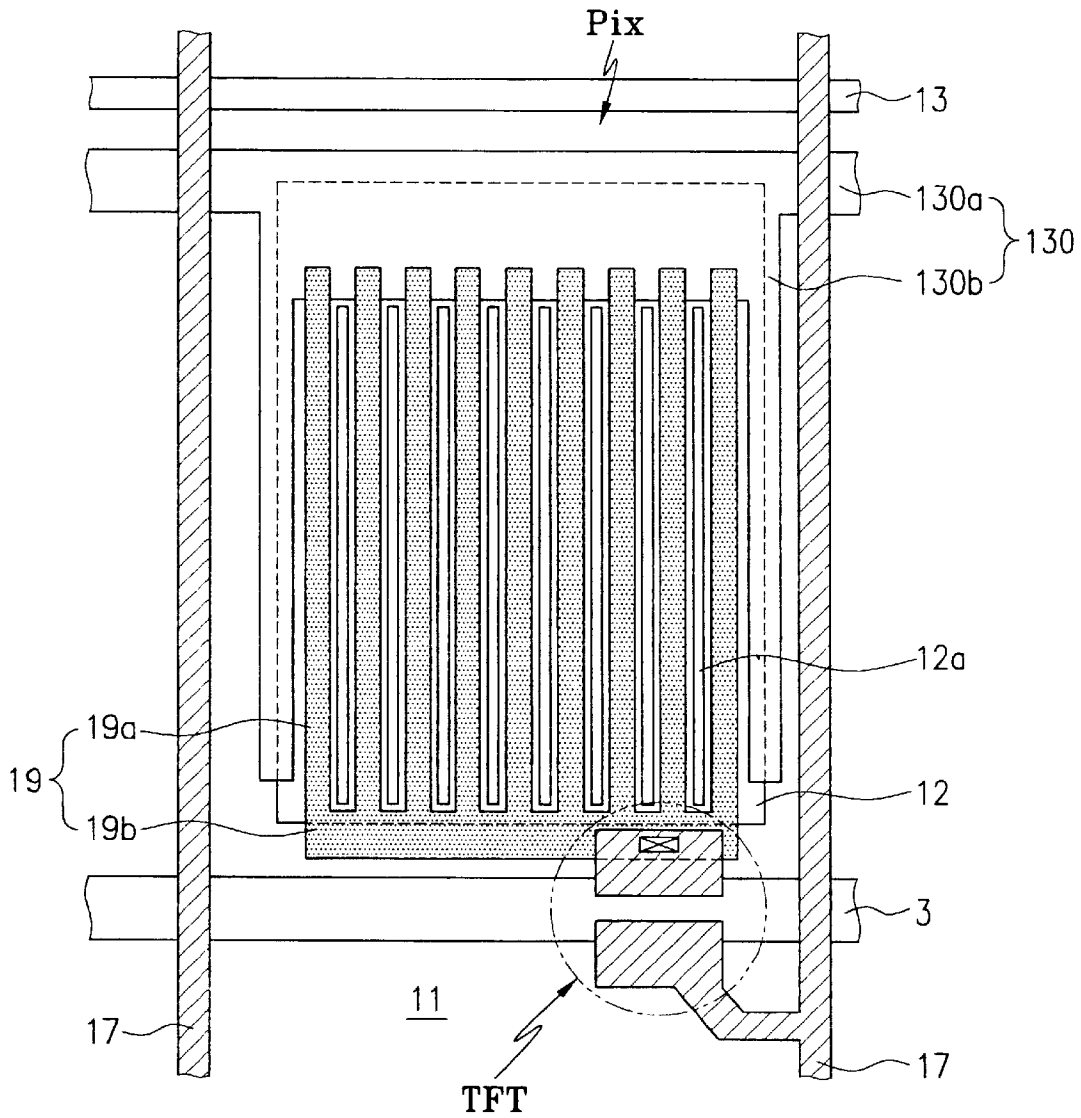
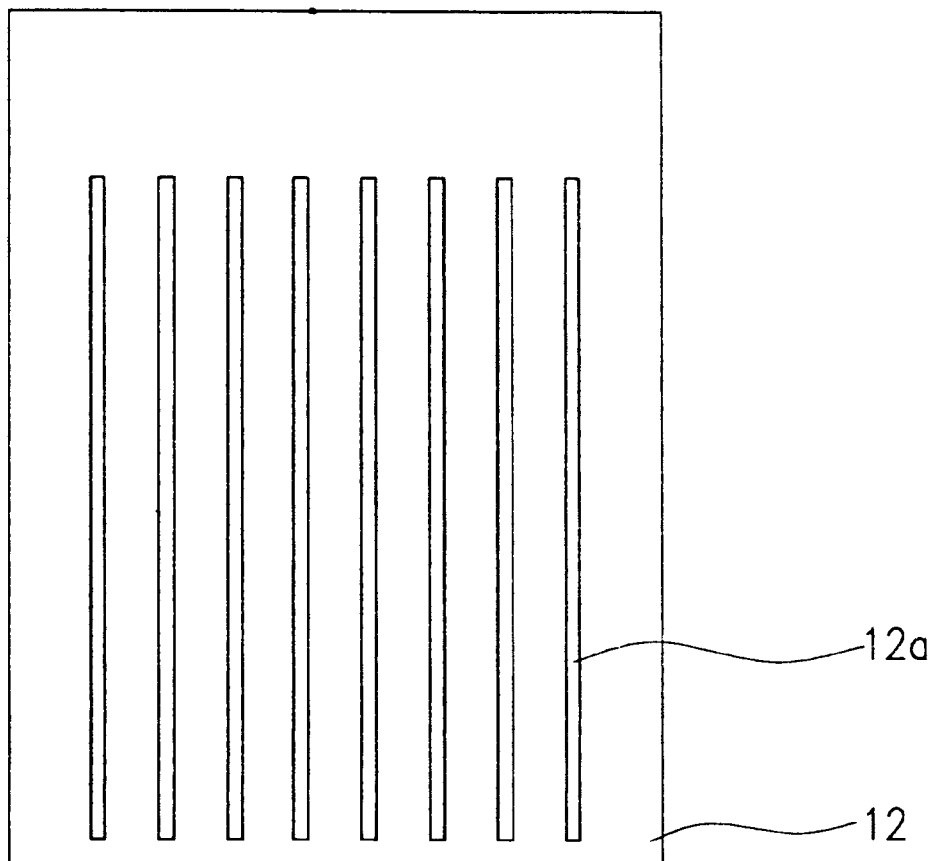


FIG. 5



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