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(54) **ACTIVE MATRIX ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE AND METHOD OF FABRICATING THE SAME**

(52) **U.S. Cl. .... 257/79**

(57) **ABSTRACT**

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An active matrix organic electroluminescent device includes a substrate, a buffer layer on the substrate, a thin film transistor on the buffer layer, a passivation layer on an entire surface of the substrate covering the thin film transistor, a first electrode disposed on the passivation layer to contact the thin film transistor through a contact hole formed in the passivation layer, a first bank layer disposed on the first electrode and on the passivation layer, the first bank layer having a first bank opening exposing a portion of the first electrode, a second bank layer disposed on the first bank layer to have a second bank opening aligned with the first bank opening, an organic electroluminescent layer formed within the first bank opening to electrically contact the first electrode and the first bank layer, and a second electrode formed on the organic electroluminescent layer and on the second bank layer within the first and second bank openings.

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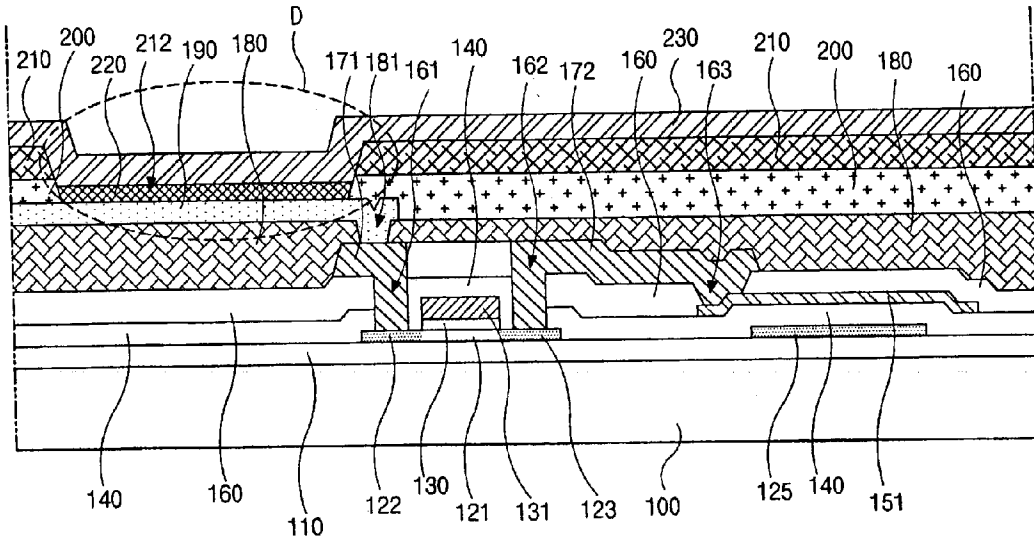
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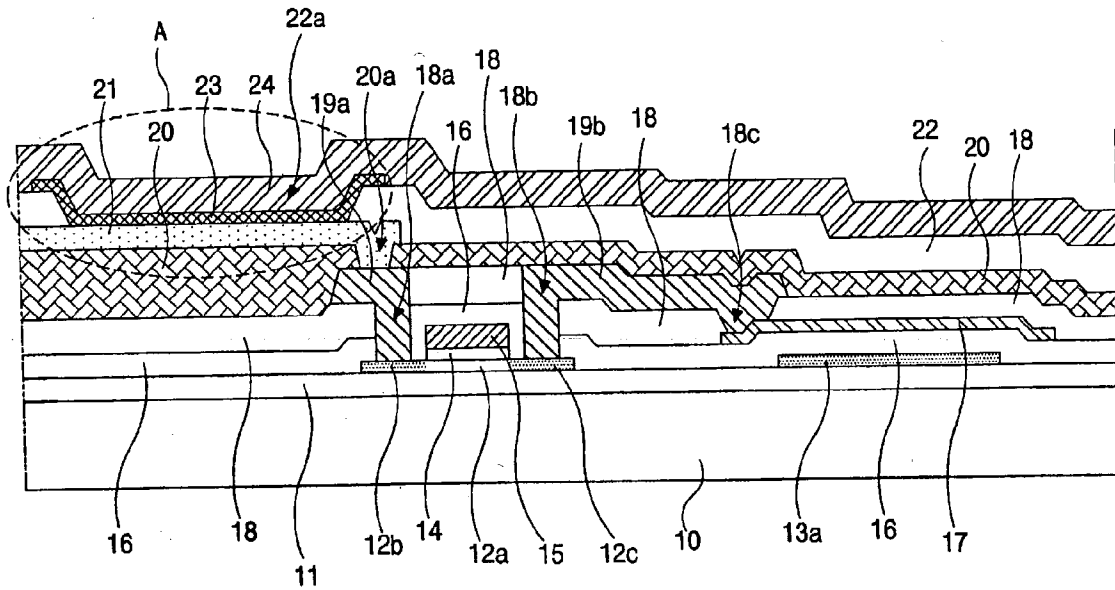
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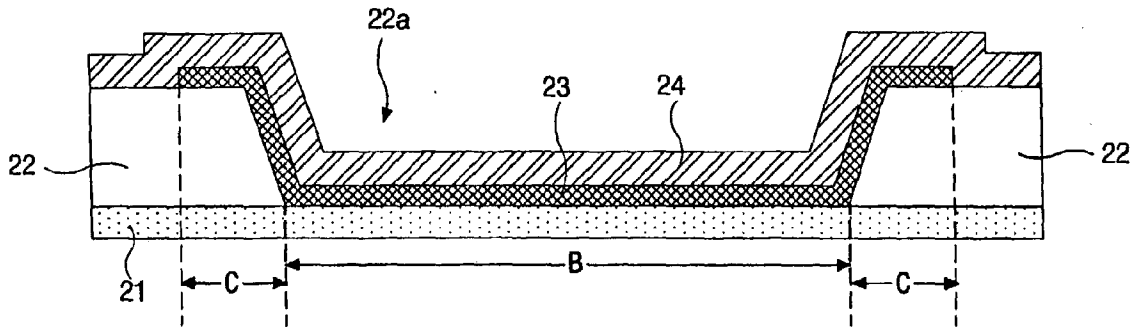
(51) **Int. Cl.<sup>7</sup> ..... H01L 27/15**



**FIG. 1**  
**Related Art**



**FIG. 2**  
*Related Art*



**FIG. 3**  
*Related Art*

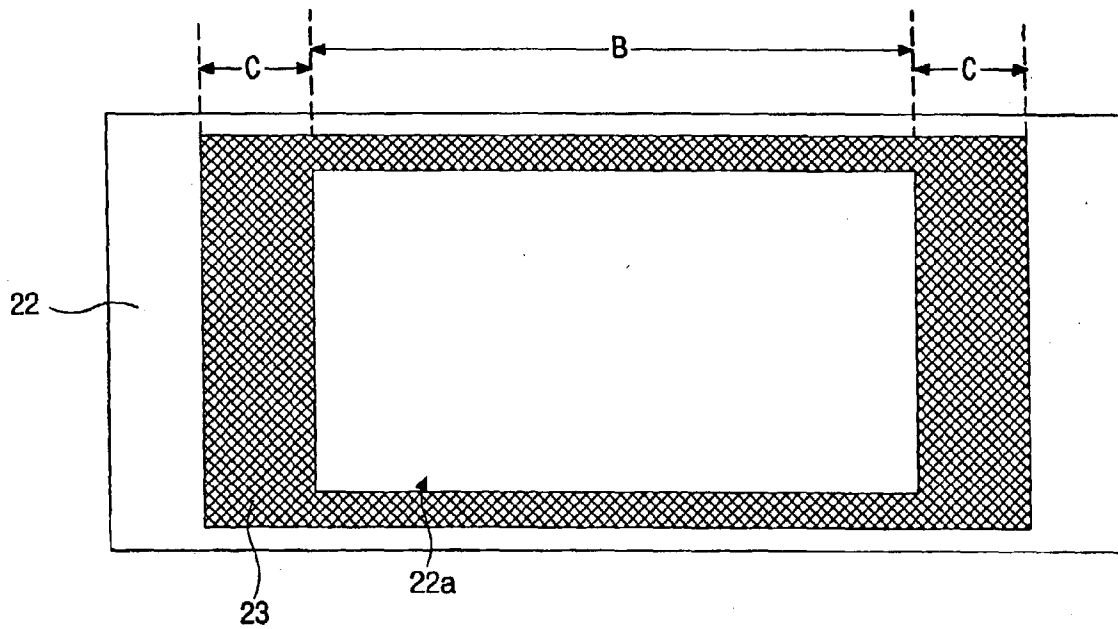


FIG. 4

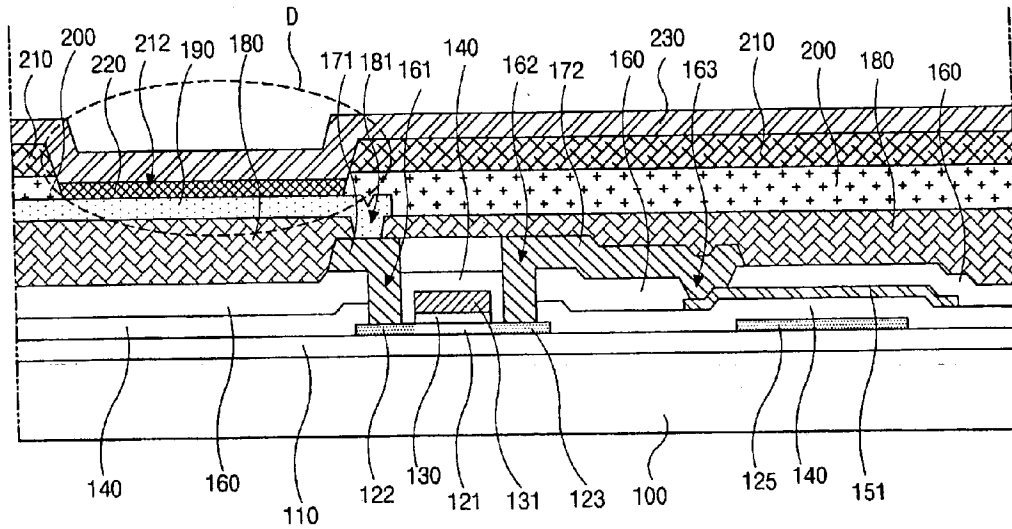
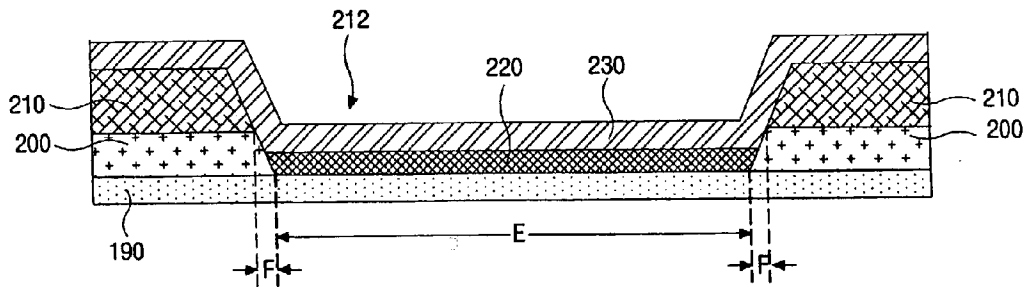
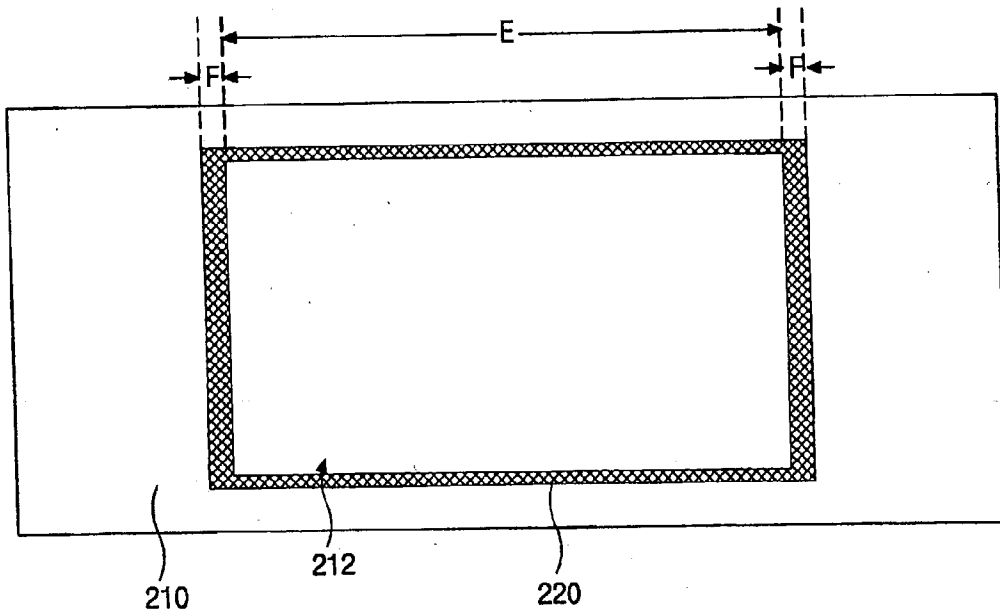


FIG. 5



**FIG. 6**



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