

Petitioner Bluehouse Global Ltd.

Ex. 1005



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(43) **Pub. Date:** **Aug. 11, 2005**(54) **OPTIC MASK AND MANUFACTURING
METHOD OF THIN FILM TRANSISTOR
ARRAY PANEL USING THE SAME**(30) **Foreign Application Priority Data**

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Jae-Bok Lee, Seoul (KR)**Publication Classification**(51) **Int. Cl.⁷** **H01L 29/788**(52) **U.S. Cl.** **257/315****Correspondence Address:****Hae Chan Park**
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McLean, VA 22102 (US)(57) **ABSTRACT**

An optic mask for crystallizing amorphous silicon comprises a first slit region including a plurality of slits regularly arranged for defining incident region of laser beam, wherein the slits of the first slit region are formed to slope by a predetermined angle to the direction of transfer of the optic mask in crystallization process, and wherein the slits of the first slit region includes a first slit having a first length and a second slit having a second length which is longer than the first length.

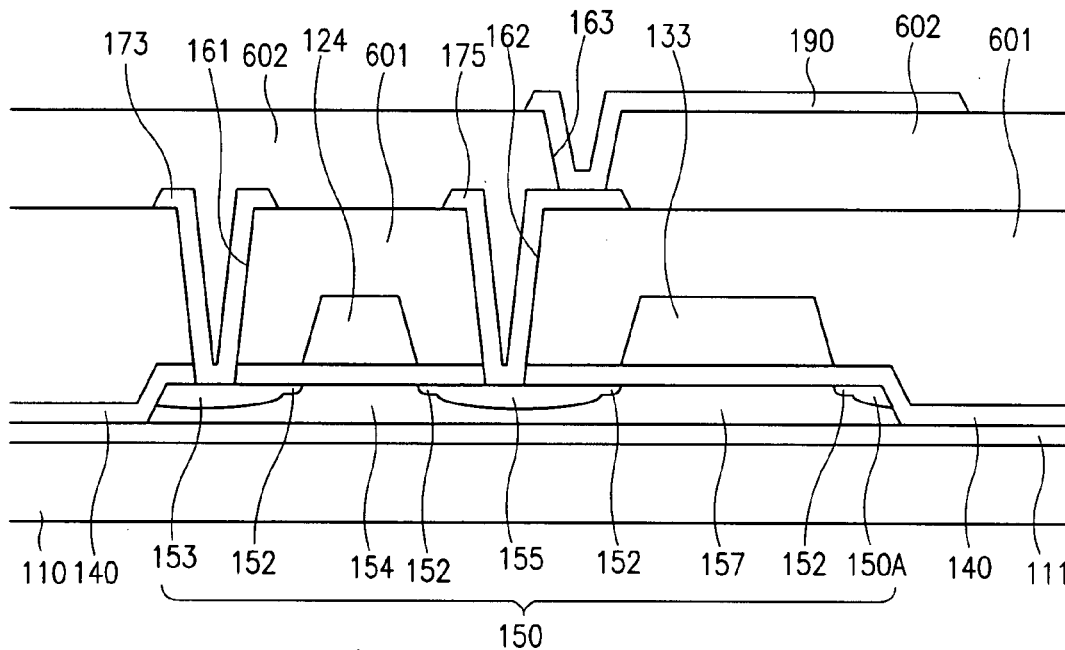
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FIG. 2

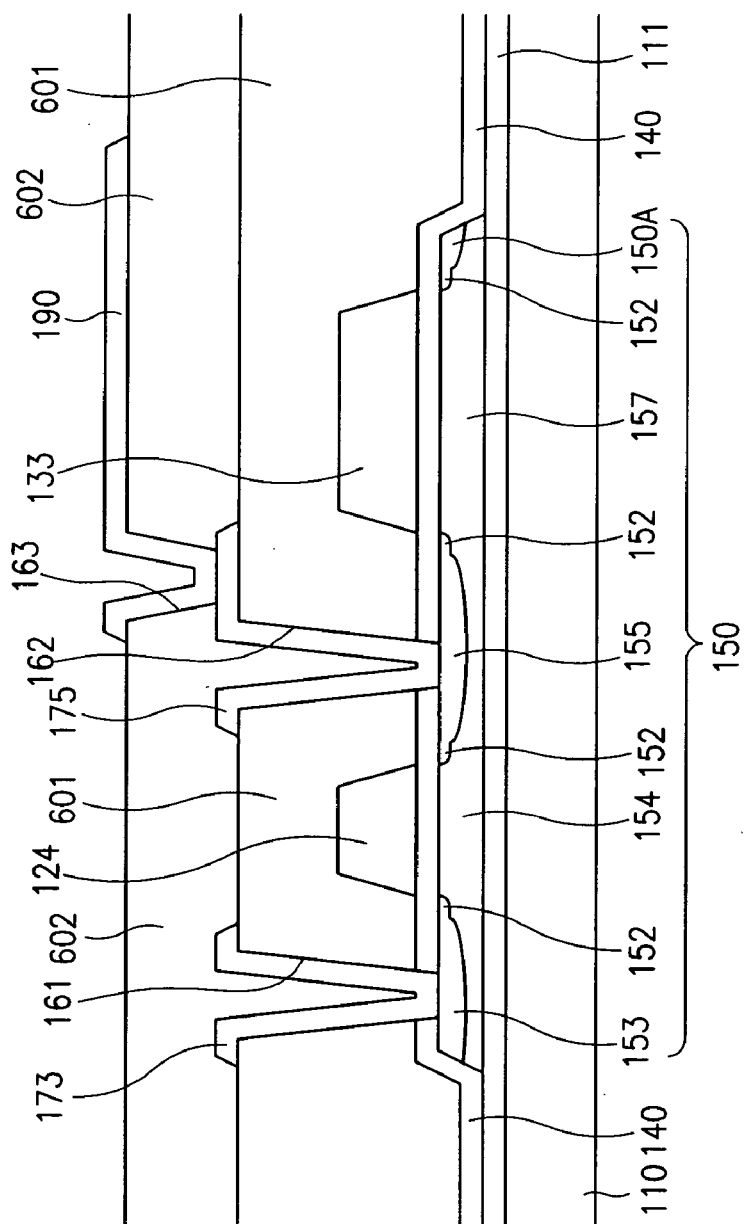
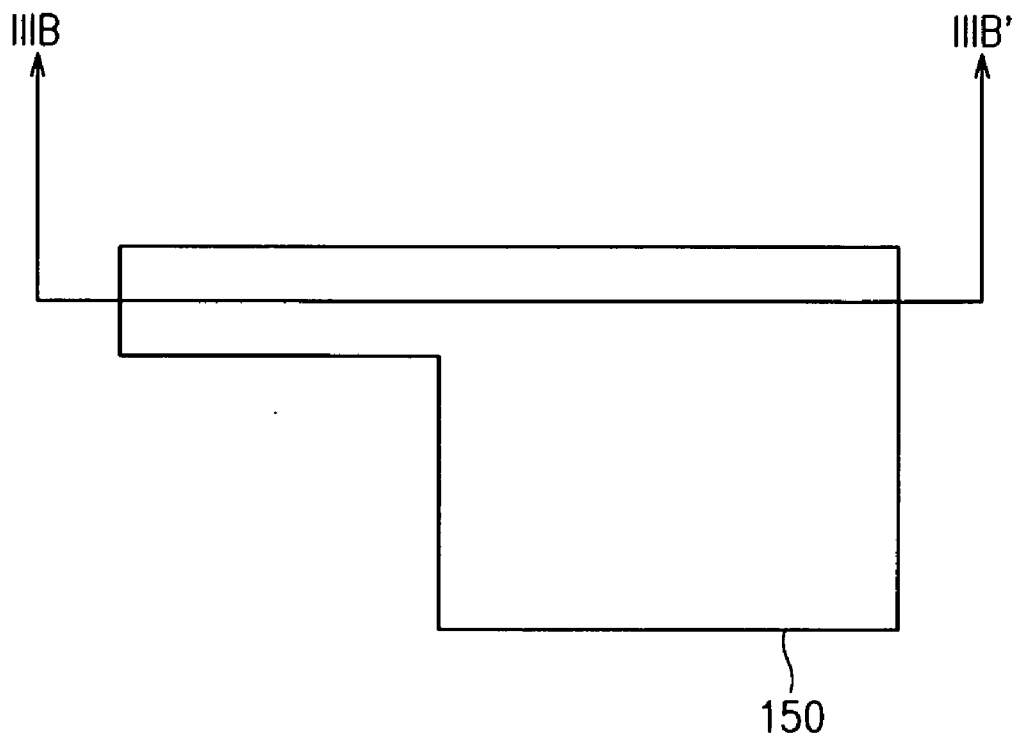


FIG. 3A



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