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(54) Title: ULTRA THIN ALIGNMENT WALLS FOR DI-BLOCK COPOLYMER

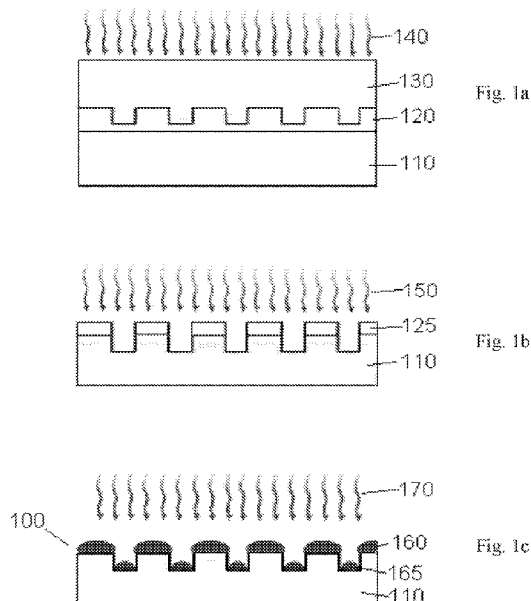


Fig. 1

(57) Abstract: Methods comprising providing a pre-patterned substrate having an array of thick walls, depositing a conforming layer on the pre-patterned substrate, etching the conforming layer from the top of the thick walls and the space between the walls, and etching the thick walls while leaving thin walls of conforming layer.



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