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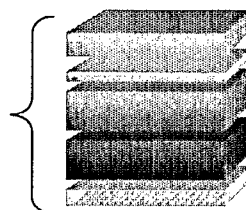
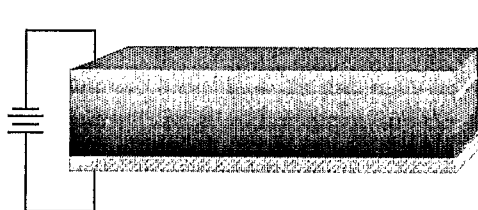
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(54) Title: HOLE INJECTION/TRANSPORT LAYER COMPOSITIONS AND DEVICES



Cathode (Ca, Al, or Ba)
Conditioning Layer (LiF)
Electroluminescent Polymer
Hole Injection Layer
Anode (ITO on glass or PET)

(57) Abstract: Compositions for use in HIL/HTL applications include intrinsically conductive polymer, planarizing agent, and dopant, which are soluble in non-aqueous solvents. Block copolymers of regioregular alkyl/alkoxy- and aryl-substituted polythiophenes can be used. The compositions can be formed into thin films. Excellent efficiency and lifetime stability can be achieved.

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