

Electrodes transfer fabrication for top emitting organic light emitting diodes

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We introduce a simple procedure for the integration of the top emitting organic light emitting diode (TOLED), which permits minimum defects at the interface between a top metal electrode and an organic film. This method relies on the transfer of patterned metal electrodes to an organic substrate with a relatively high adhesive property. TOLED, integrated by the transfer fabrication, demonstrates better performance, a reduction of turn-on voltage, and an increase of maximum current efficiency, in comparison with fabricated devices by conventional shadow mask method.