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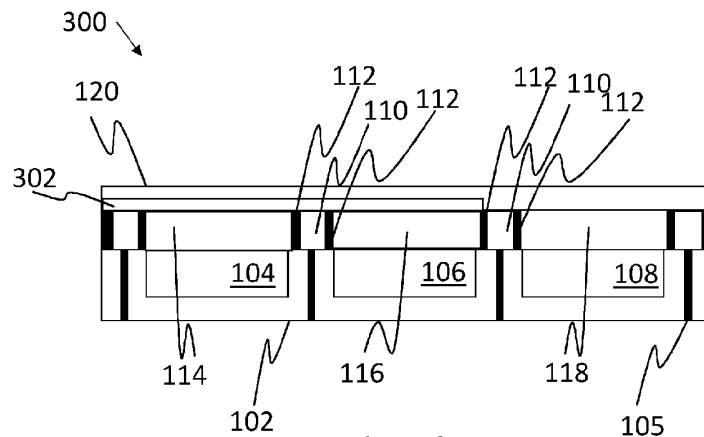


Figure 3

(57) Abstract: A method of forming a light emitting diode array comprising a plurality of light emitting pixels, wherein at least one of the light emitting pixels comprises: a light emitting diode configured to emit light of a first primary peak wavelength; a first region comprising a first down conversion material configured to receive and convert input light of the first primary peak wavelength from the light emitting diode to provide output light of a second primary peak wavelength and unconverted light of the first primary peak wavelength; and a second region comprising organic semiconductor material dispersed in a medium, the organic semiconductor material configured to absorb input light of the first primary peak wavelength, wherein the second region is configured to transmit output light of the second primary peak wavelength from the first region and absorb unconverted light of the first primary peak wavelength passing from the light emitting diode through the second region, thereby to increase the light colour purity emitted by the at least one light emitting pixel.

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