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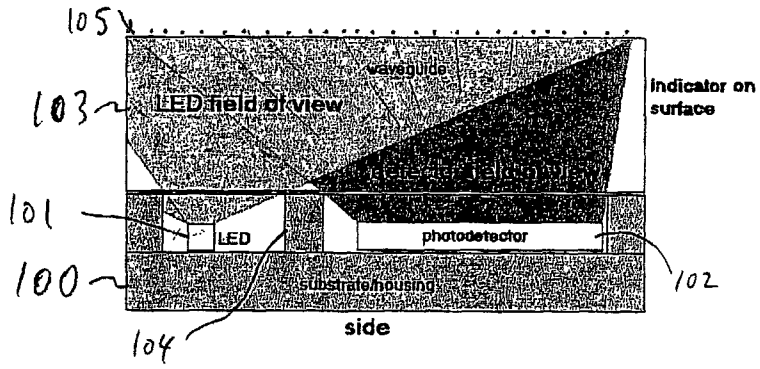
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(54) Title: HIGH PERFORMANCE FLUORESCENT OPTICAL SENSOR



(57) Abstract: An optical sensor device for determining the presence or concentration of an analyte, contains a waveguide (103) disposed over a light source (101) of a substrate (100) and separated by an internal baffle (104), wherein the waveguide has a thickness corresponding to a far field emission point of the light source as determined by a light shielding baffle between the light source and light detector.

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