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(54) Title: LENS ARRANGEMENT FOR LIGHT-BASED TOUCH SCREEN

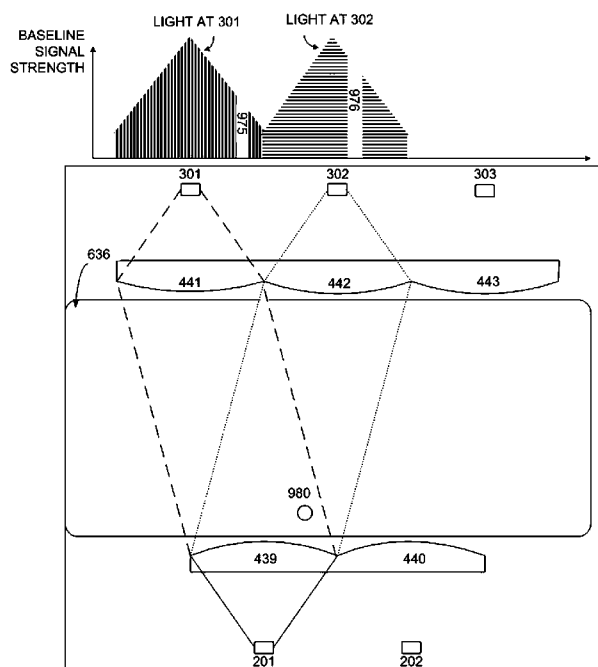


FIG. 28

(57) Abstract: A touch screen system, including a near-infrared transparent screen including a plurality of reflective elements embedded therein, a circuit board including circuitry for controlled selective activation of electronic components connected thereto, at least one light source connected to the circuit board, for emitting light, and at least one light detector connected to the circuit board, for detecting light emitted by the at least one light source and reflected by the reflective elements.



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