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(54) Title: ADAPTIVE REFLECTED LIGHT TOUCH SENSOR

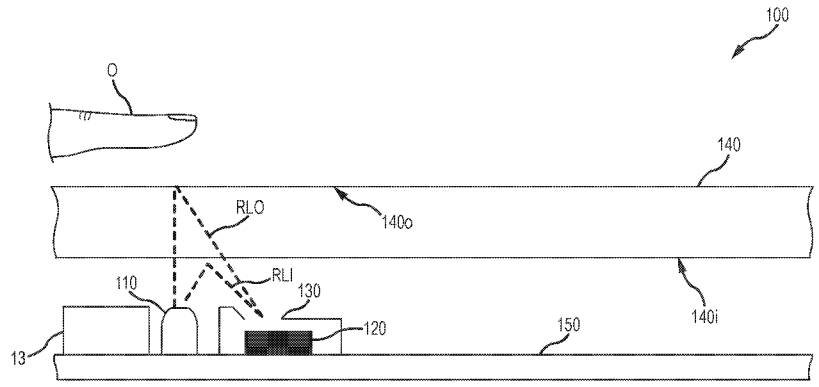

FIG.3

(57) Abstract: An adaptive reflected light touch sensor (100, 400) is provided. The adaptive reflected light touch sensor (100, 400) includes an emitter (110) that emits light in a direction that reflects the light (RLI, RLO), a sensor (120, 410) positioned to measure a light amplitude of the reflected light (RLI, RLO), a processor board (150) coupled to the sensor (120, 410), the processor board (150) being configured to calculate a moving average of the measured light amplitude of the reflected light (RLI, RLO) and calculate an assert threshold.