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(71) Applicant (for all designated States except US): **SYNAPTICS INCORPORATED** [—/US]; 3120 Scott Blvd., Suite 130, Santa Clara, California 95054 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **DAY, Shawn, P.** [US/US]; 1535 Rangelwood Drive, San Jose, California 95138 (US).

(74) Agents: **PITTS, S., Jared** et al.; Ingrassia, Fisher & Lorenz, P.C., 7010 E. Cochise Road, Scottsdale, Arizona 85253 (US).

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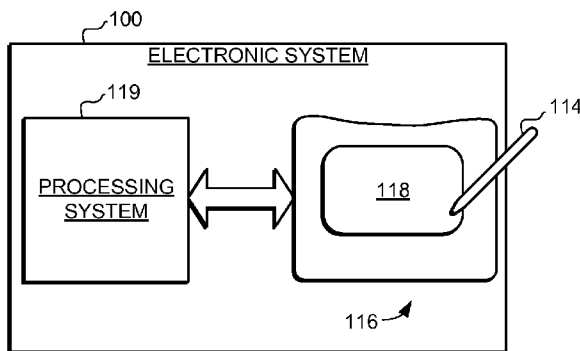


FIG. 1

(57) Abstract: A touch sensor device and method is provided that facilitates improved device usability. Specifically, the device and method provide improved user interface functionality by facilitating extended parameter adjustment using proximity sensor devices. The device includes a processing system and a sensor adapted to detect objects in a sensing region. The device is adapted to provide user interface functionality by determining a measurement descriptive of a location of a first object relative to a location of a second object, and applying a first rate for adjusting a visual parameter such that the visual parameter adjusts even if the first object is stationary relative to the second object, where the first rate is based on the measurement. By so providing a first rate for adjusting a parameter, the device facilitates extended user input.



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INTERNATIONAL SEARCH REPORT

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G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
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| A | US 5 543 591 A (GILLESPIE DAVID [US] ET AL) 6 August 1996 (1996-08-06) the whole document ----- | 1-34 |
| A | WO 2006/020304 A2 (APPLE) 23 February 2006 (2006-02-23) paragraph [0019] - paragraph [0041] ----- | 1-34 |

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INTERNATIONAL SEARCH REPORT

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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