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(71) Applicant (for all designated States except US): **MAT-SUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FUKUI, Suguru** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **HATATANI, Teruki** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka

5718686 (JP). **TAKADA, Yuji** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **HIRONAKA, Atsushi** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

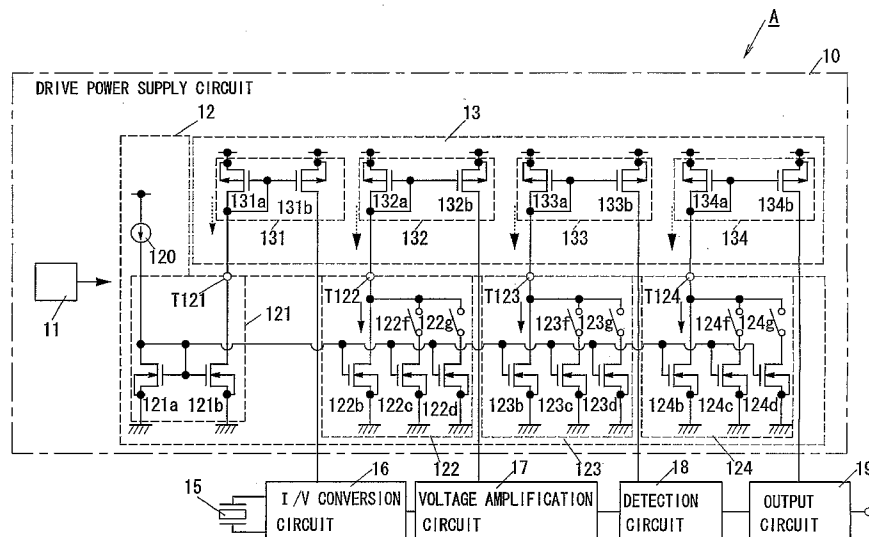
(74) Agents: **NISHIKAWA, Yoshikiyo** et al.; Hokuto Patent Attorneys Office, Umeda-Daiichiseimei Bldg. 5th Floor, 12-17, Umeda 1-chome, Kita-ku, Osaka-shi, Osaka 5300001 (JP).

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(54) Title: INFRARED DETECTING DEVICE



(57) Abstract: An infrared detecting device. The device includes a drive power supply circuit which supplies a drive current to each of signal circuits comprised of an I/V conversion circuit, a voltage amplification circuit, a detection circuit and an output circuit. The drive power supply circuit is comprised of a current generating circuit and a distribution circuit. The current generating circuit includes a reference current source, a fixed current source which provides a fixed current based on reference current and a variable current source which provides a variable current stepped up or down to any of different currents based on the reference current. The distribution circuit distributes the drive current to a part of the signal circuits based on the current from the fixed current source and distributes the drive current to a remaining part of the signal circuits based on the current from the variable current source. The device reduces current consumption while keeping the performance or behavior of the circuits in stable state.

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