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(72) Inventors; and

(71) Applicants : **JONES, Owen** [GB/US]; 1600 Los Gatos Drive, Suite 231, San Rafael, CA 94903 (US). **FINCHAM, Lawrence, R.** [GB/US]; 1600 Los Gatos Drive, Suite 231, San Rafael, CA 94903 (US).(74) Agent: **VANDERLAAN, Christopher A.**; 1800 Avenue of the Stars, Los Angeles, CA 90067 (US).

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(54) Title: LOW DISSIPATION AMPLIFIER

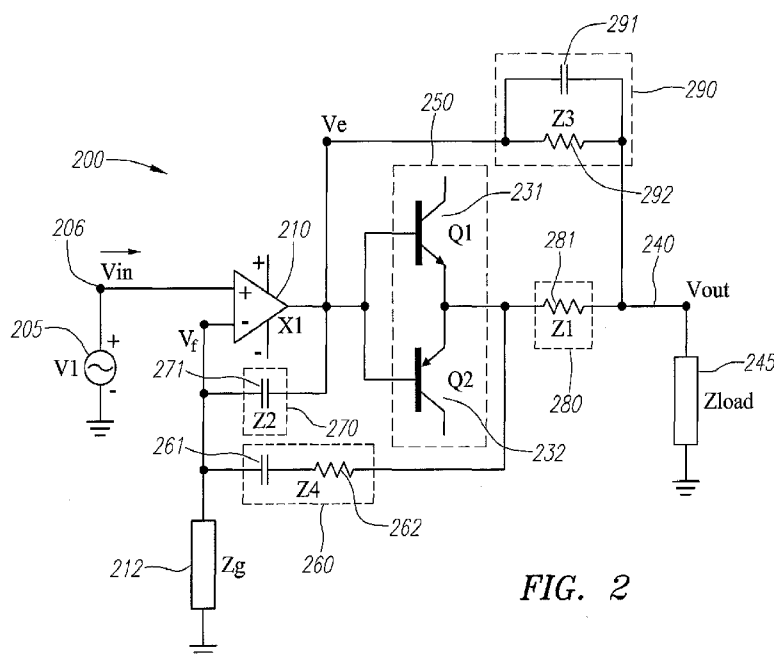


FIG. 2

(57) Abstract: A low dissipation, low distortion amplifier includes a driver amplifier stage and a main output stage, with a plurality of impedance networks providing, among other things, feedback paths from outputs of the driver and main output stages to the input of the driver stage. The impedance networks also provide coupling paths from the outputs of the driver and main output stages to the load. The impedance networks can all be formed of resistors, capacitors, or network combinations thereof. An additional feedback path can be added from the load to the driver stage to flatten out the frequency response at low frequencies. The driver and main output stages may be operated in Class AB and B modes respectively, and/or in Class G or H modes. An intermediate amplifier driver stage may be added between the driver and main output stages.



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