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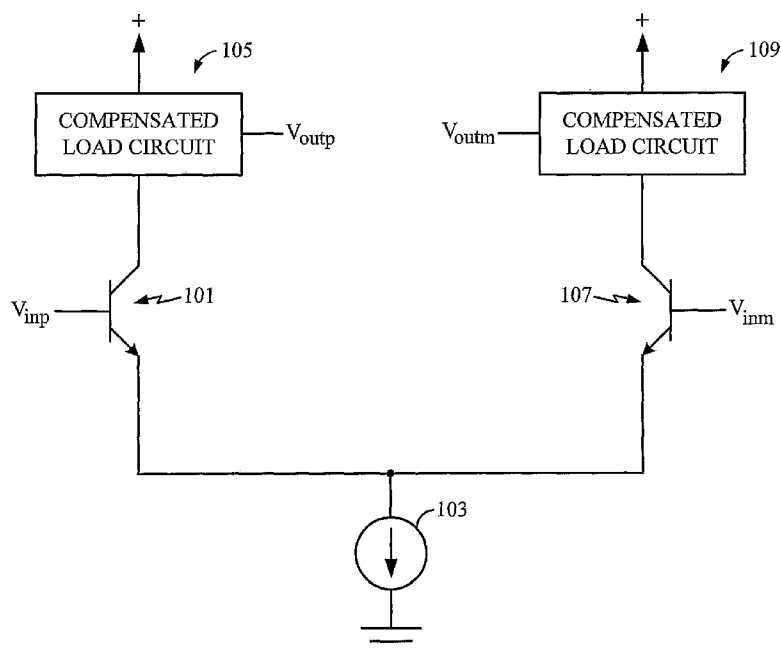
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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,

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(54) Title: WIDEBAND CONSTANT-GAIN VOLTAGE AMPLIFIER



(57) Abstract: A wideband, constant-gain voltage amplifier. An input transistor has a transconductance that is a function of temperature and fabrication process. A transimpedance amplifier is connected to the input transistor. The transimpedance amplifier has a transimpedance that is a function of temperature and process that is substantially the inverse of the function of temperature and fabrication process of the transconductance of the input transistor.



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