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Vida et al.

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(54) **TERMINATION IMPEDANCE ISOLATION FOR DIFFERENTIAL TRANSMISSION AND RELATED SYSTEMS, METHODS AND APPARATUSES**

(71) Applicant: **Microchip Technology Incorporated**, Chandler, AZ (US)

(72) Inventors: **Steven Vida**, Reading, PA (US); **David Gammie**, Chandler, AZ (US)

(73) Assignee: **Microchip Technology Incorporated**, Chandler, AZ (US)

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H03H 11/28 (2006.01)

(52) **U.S. Cl.**
CPC ***H03H 11/28*** (2013.01)

(58) **Field of Classification Search**
None
See application file for complete search history.

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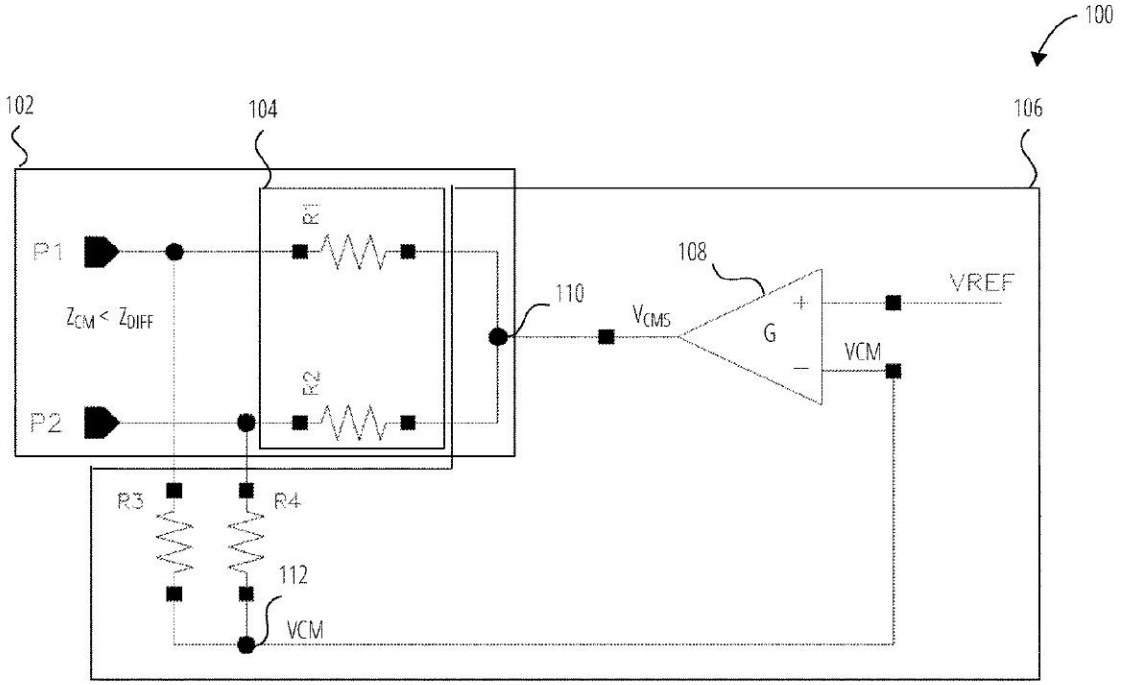
Primary Examiner — Cassandra F Cox
(74) *Attorney, Agent, or Firm* — TraskBritt

(57) **ABSTRACT**

Disclosed examples include an apparatus. The apparatus may include a differential signal path portion, a first circuit, and a second circuit. The first circuit may be arranged at the differential signal path portion to set a differential impedance of the differential signal path portion. The second circuit may be arranged outside of the differential signal path portion to set a common-mode impedance of the differential signal path portion lower than the differential impedance.

18 Claims, 5 Drawing Sheets