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Barrera et al.

(54) ELECTRONIC DEVICE WITH SUPPORT STRUCTURE ANTENNAS

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

(72) Inventors: **Joel D. Barrera**, San Jose, CA (US); **James M. Cuseo**, Cupertino, CA (US); **Jerzy S. Guterman**, Sunnyvale, CA (US)

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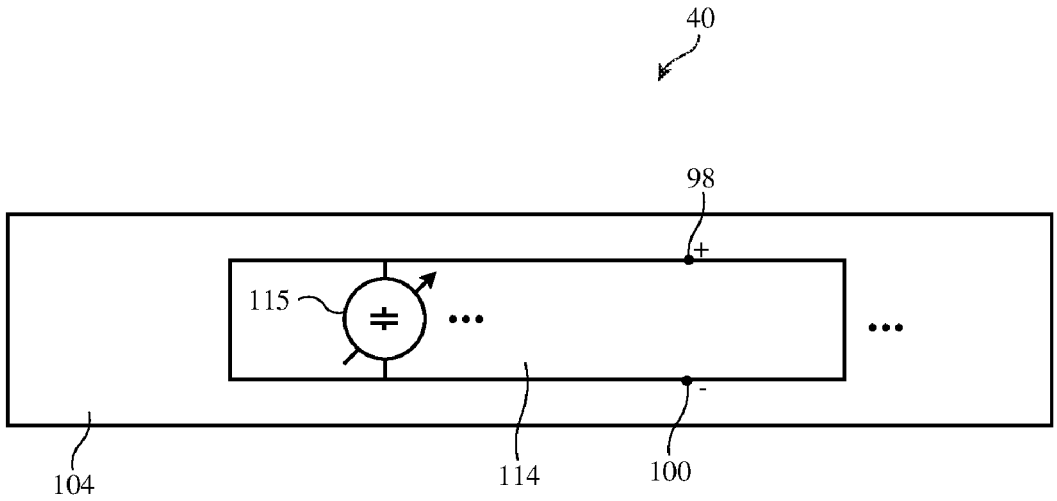
(57) **ABSTRACT**

An electronic device such as a desktop computer may have a housing. The housing may have conductive portions such as metal walls and metal support structures that support the housing. The walls may be assembled to form a box-shaped housing having corners. The support structures may form legs at the corners of the housing. Antennas may be formed in the housing to support communications such as wireless local area network communications. The antennas may be slot antennas formed from openings in the legs. Radio-frequency transceiver circuitry in the housing may be used to transmit and receive radio-frequency communications. The radio-frequency transceiver circuitry may be coupled to the antenna using a transmission line. Threaded radio-frequency connectors or other connectors may be used in coupling the transmission line to a slot antenna.