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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2006/0052144 A1****Seil et al.**(43) **Pub. Date: Mar. 9, 2006**(54) **HOLDER, ELECTRICAL SUPPLY, AND RF TRANSMITTER UNIT FOR ELECTRONIC DEVICES****Publication Classification**(51) **Int. Cl.**
H04M 1/00 (2006.01)(52) **U.S. Cl.** **455/575.1; 455/90.3**(76) **Inventors:** **Oliver Duncan Seil**, Pasadena, CA (US); **Jeffrey David Meyers**, Rochester, NY (US); **Vijendra Nalwad**, Newbury Park, CA (US); **Thorben Neu**, Los Angeles, CA (US); **Ernesto Victor Quinteros**, Los Angeles, CA (US); **Ian Sinclair**, Indian Falls, NY (US); **John F. Wadsworth**, Los Angeles, CA (US)(57) **ABSTRACT**

A holder, electrical supply, and optional RF transmitter unit to hold, supply power to, and receive a data signal from an operating electronic device when the device (e.g., MP3 player) is held in the unit is disclosed. Electrical power enters the unit's power acquisition portion (e.g., cigarette lighter adapter) from an external source and flows to the electronic device via the holder. A data signal from the electronic device is processed by an RF transmitter in the unit, and the resulting RF signal is broadcast by an antenna (e.g., gooseneck) that preferably forms a repositionable mechanical connection between the holder and the power acquisition unit.

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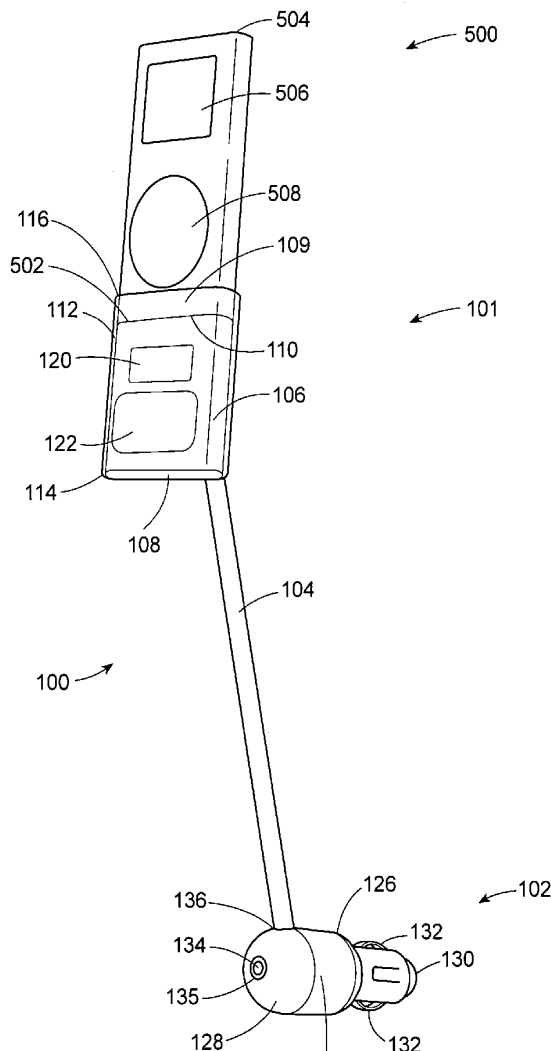
(21) **Appl. No.: 10/936,356**(22) **Filed: Sep. 8, 2004**

FIG. 1

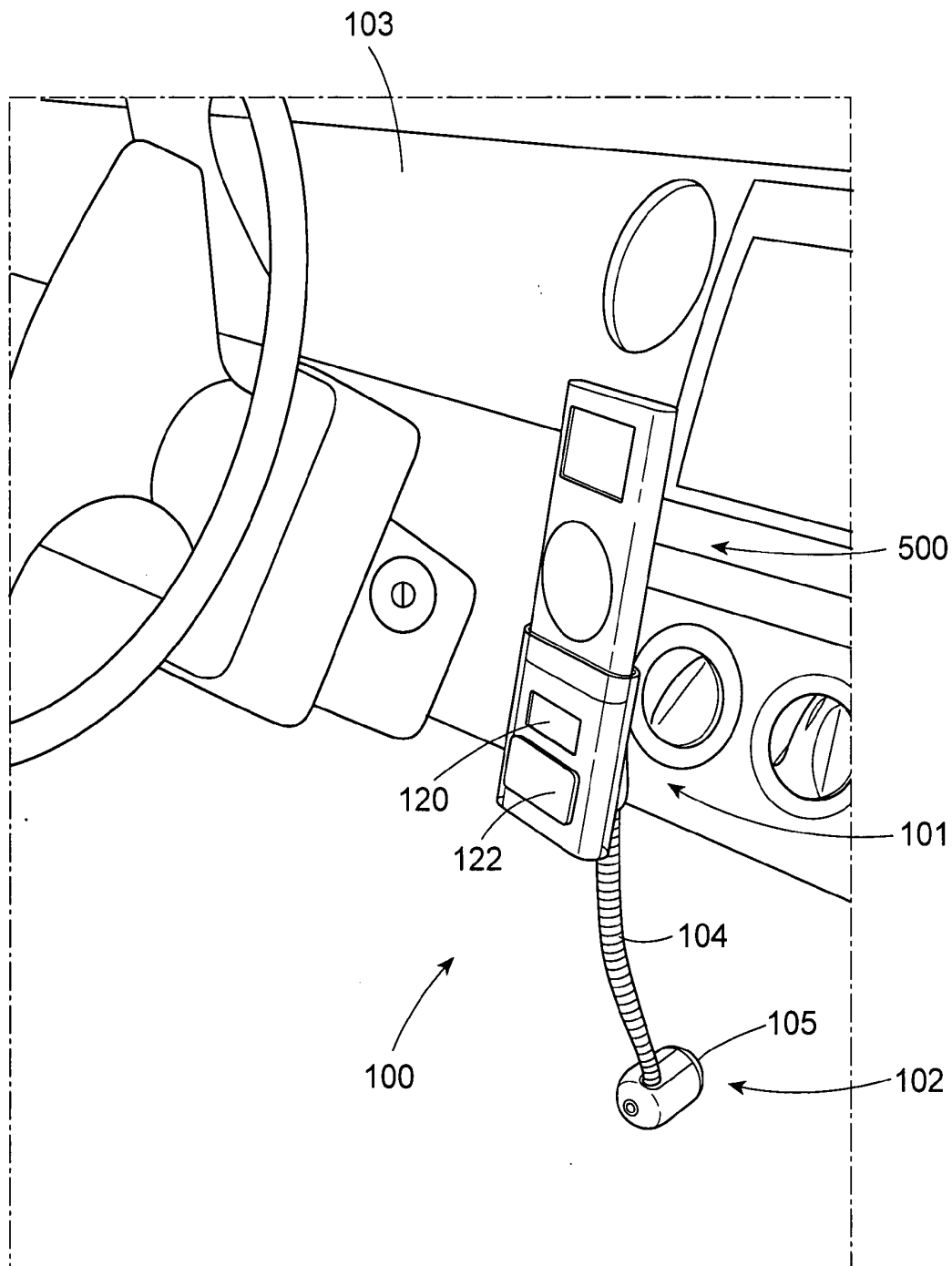


FIG. 2

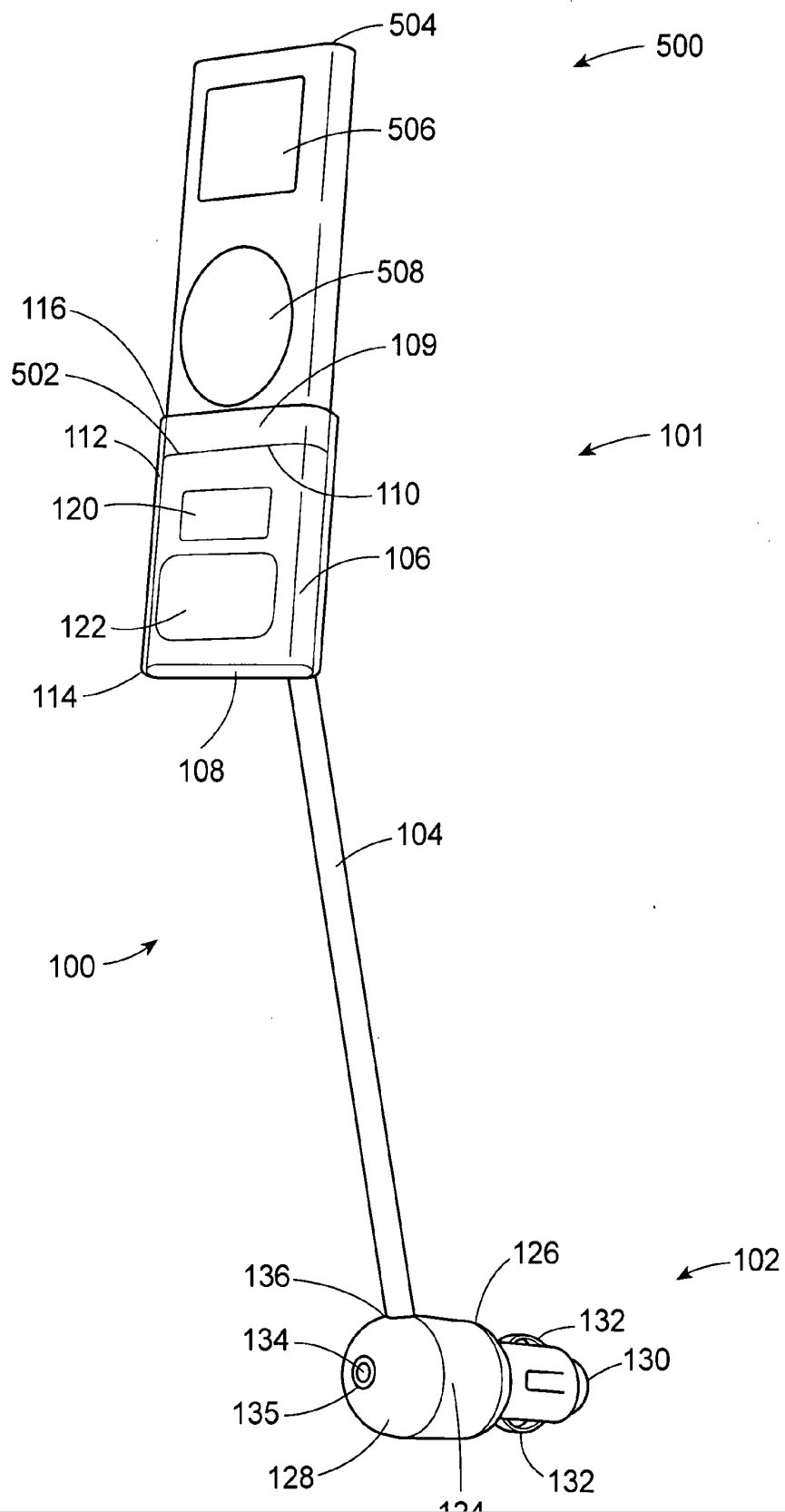


FIG. 3

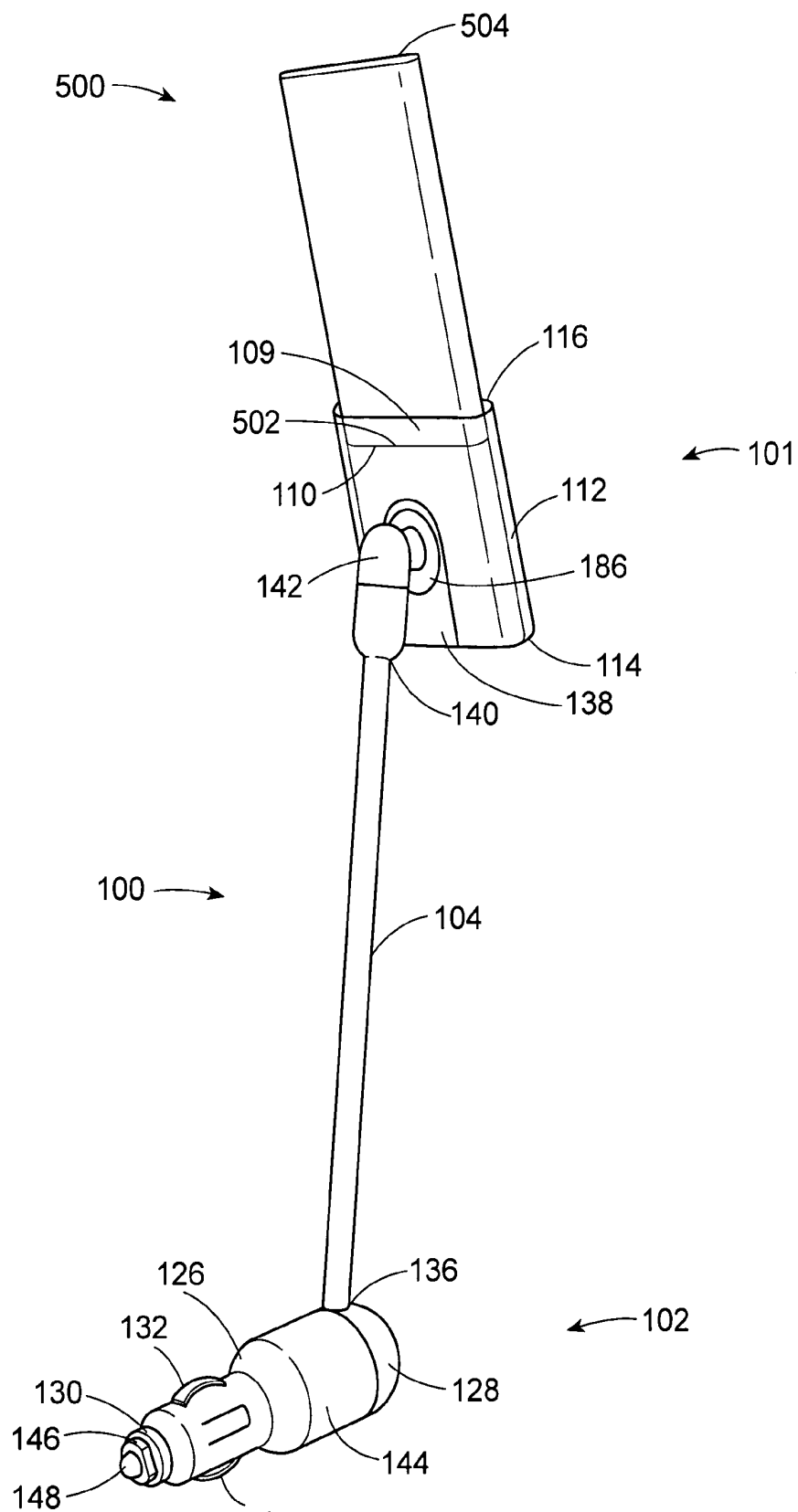
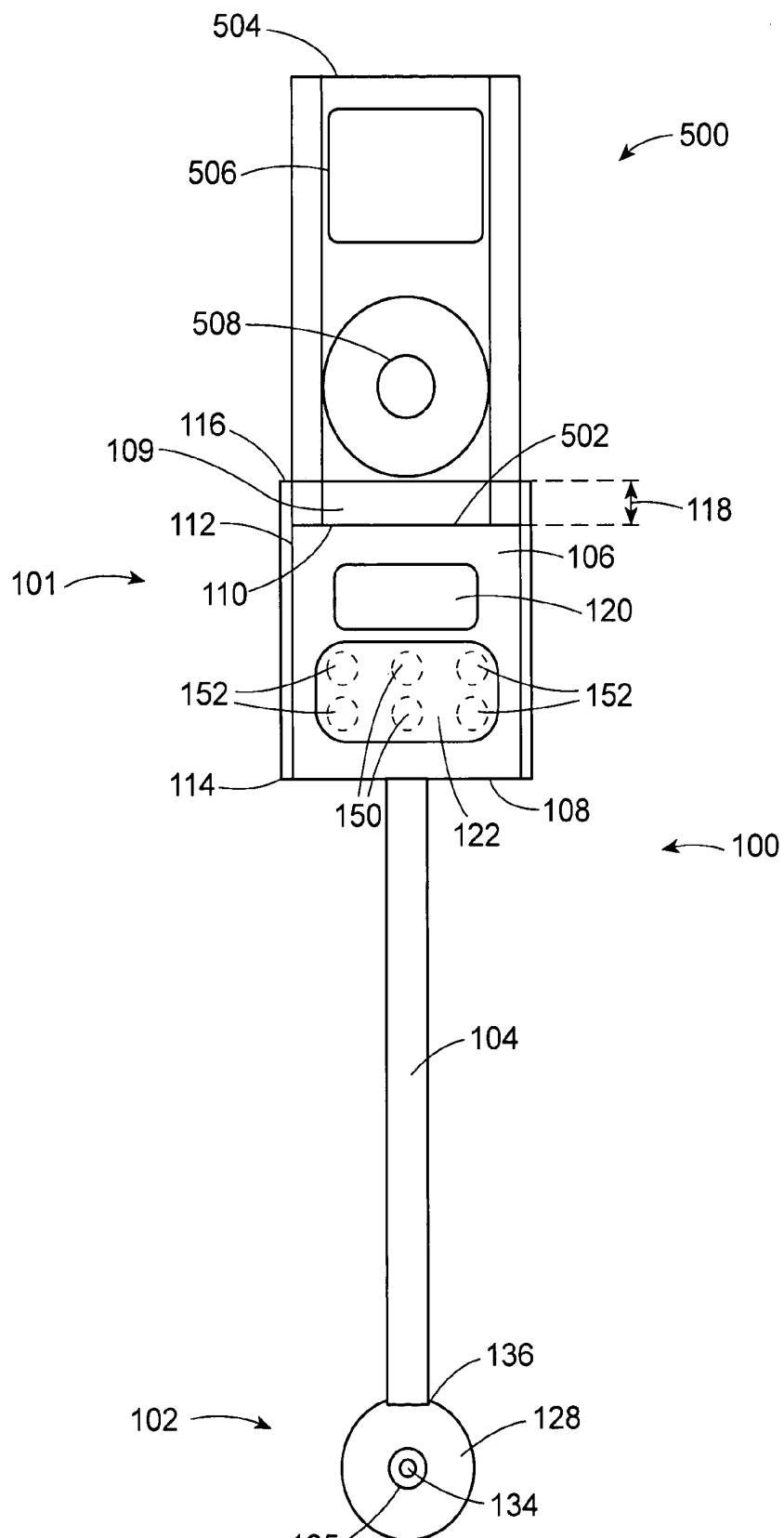


FIG. 4



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