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(54) **GPS ASSISTANCE DATA DELIVERY METHOD AND SYSTEM**

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(51) **Int. Cl.**[7] **H04Q 7/20**

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(58) **Field of Search** 455/456, 457, 455/461; 342/357.06, 357.12; 701/200, 213

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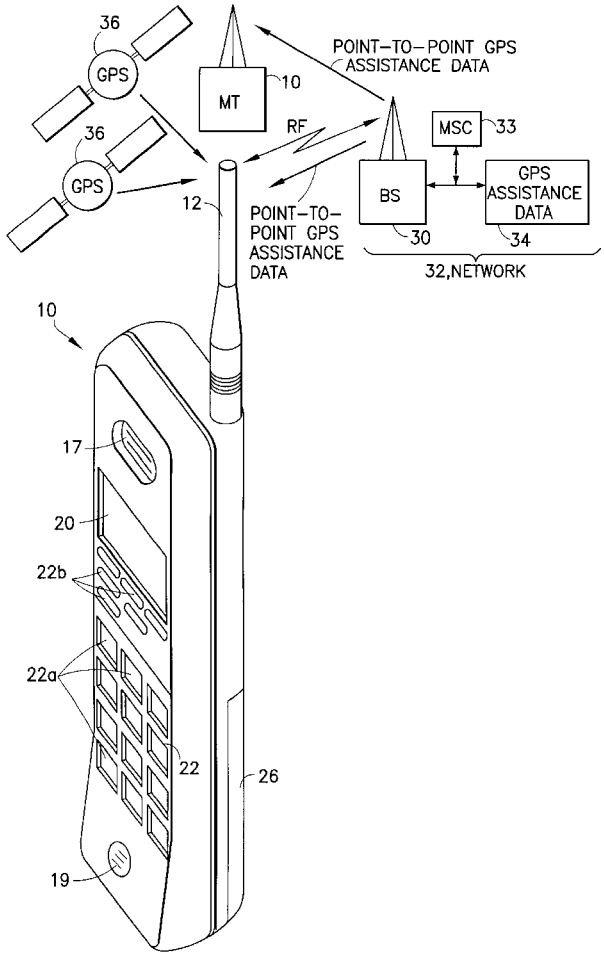
(57) **ABSTRACT**

A Network Assisted Mobile Terminal GPS system includes a plurality of GPS-capable mobile terminals **(10)** each having a transceiver, and a wireless telecommunications network **(32)** having at least one base site transceiver **(30)** for transmitting GPS Assistance Data to individual ones of the plurality of GPS-capable mobile stations using a point-to-point signalling protocol. In the illustrative embodiment described herein the point-to-point signalling protocol is comprised of at least one of an IMSI (International Mobile Subscriber Identity) Attach, a Normal Location Update, or a Periodic Location Update signalling protocol.

2 Claims, 3 Drawing Sheets