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(71) Applicant: Qualcomm Incorporated  
San Diego, CA 92121-1714 (US)

(72) Inventor: Tran, Allen, Minh-Triet  
San Diego, CA 92121-1714 (US)

(74) Representative: Dunlop, Hugh Christopher et al  
R.G.C. Jenkins & Co.  
26 Caxton Street  
London SW1H 0RJ (GB)

## (54) A hybrid antenna system for a portable wireless communication device

(57) A hybrid antenna system for a portable Wireless Communication Device (WCD) includes a concealed, internal shielded substrate antenna fixedly mounted to and wholly internally within a casing of the portable WCD. The hybrid antenna system also includes a displaceable antenna, such as a whip antenna, that is selectively extendable from and retractable within the casing. The antenna system includes a mechanism for electrically connecting the displaceable antenna to internal RF circuitry of the portable WCD when the displaceable antenna is in an extended position and for electrically isolating the displaceable antenna from the internal RF circuitry when the displaceable antenna is in a retracted position within the casing.

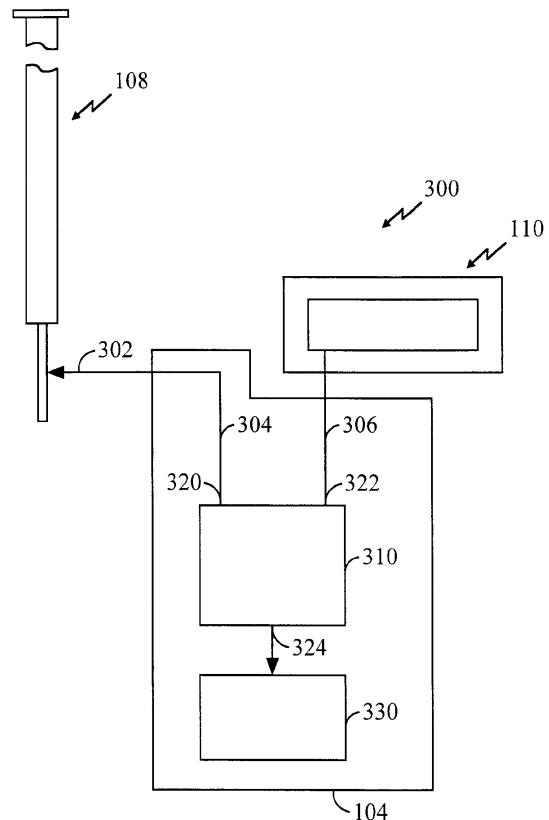


FIG. 3



## EUROPEAN SEARCH REPORT

Application Number  
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The present search report has been drawn up for all claims			
2	Place of search Munich	Date of completion of the search 16 February 2011	Examiner Ribbe, Jonas
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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