



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.03.2014 Bulletin 2014/13

(51) Int Cl.:
H01Q 1/24 (2006.01) H01Q 19/24 (2006.01)

(43) Date of publication A2:
23.06.2004 Bulletin 2004/26

(21) Application number: **03029217.1**

(22) Date of filing: **18.12.2003**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR
Designated Extension States:
AL LT LV MK

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(30) Priority: **19.12.2002 JP 2002367548**
11.07.2003 JP 2003196034

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(54) **Wireless communication apparatus including antenna**

(57) A wireless communication apparatus which has a casing (1) having thickness and a first surface perpendicular to a direction of the thickness, the wireless communication apparatus characterized in that comprises a dipole antenna (3) including a first base portion, and an opposed element (4) formed of a conductor material and including a second base portion, the dipole antenna (3)

and the opposed element (4) being disposed within the casing (1) such that the dipole antenna (3) and the opposed element (4) extend in an imaginary plane that is substantially parallel to the first surface, and the first base portion and the second base portion are opposed to each other.

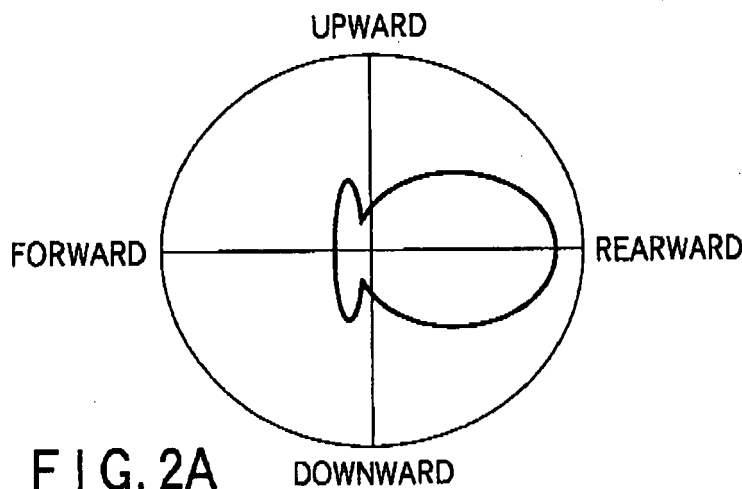
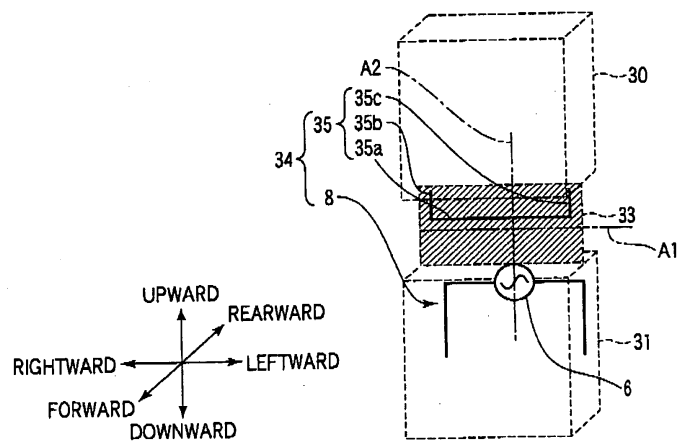
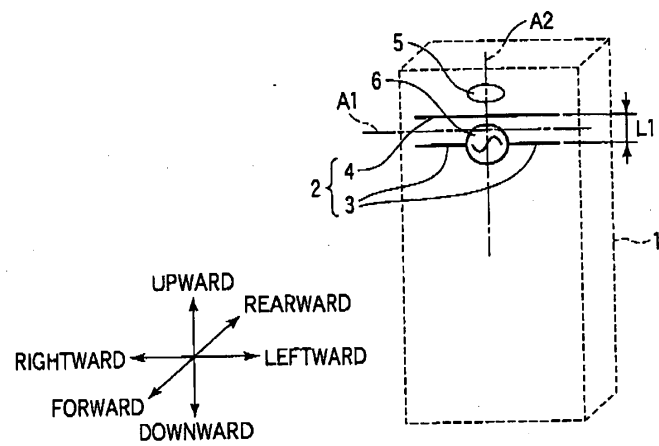
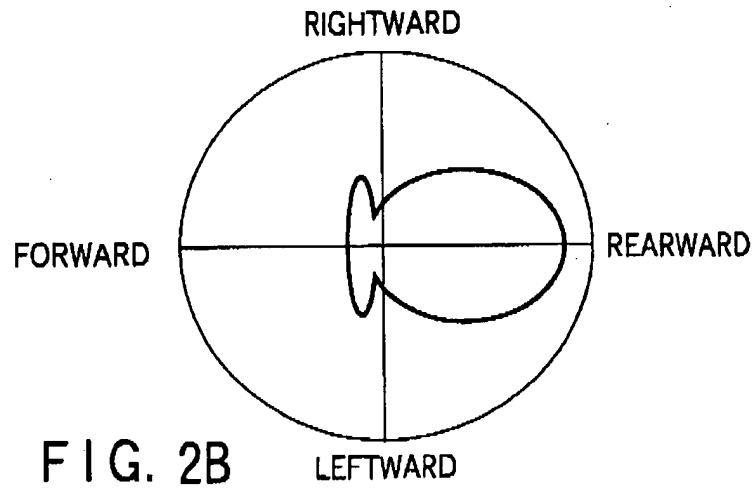


FIG. 2A





EUROPEAN SEARCH REPORT

Application Number
EP 03 02 9217

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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)
			H01Q
Place of search		Date of completion of the search	Examiner
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CATEGORY OF CITED DOCUMENTS 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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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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