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(11) Publication number:

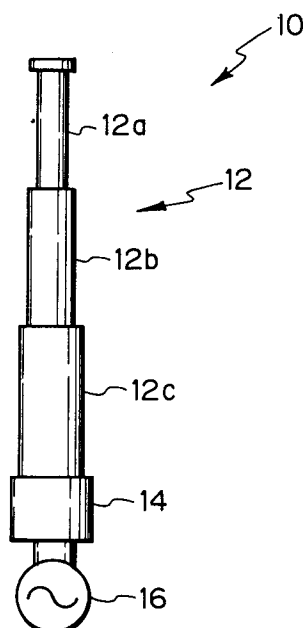
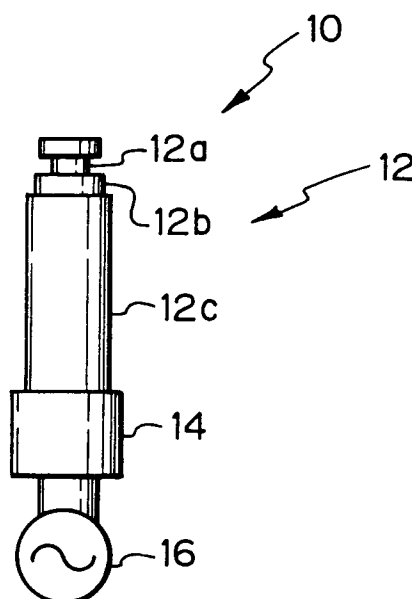
0 459 391 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **91108683.3**(51) Int. Cl.⁵: **H01Q 1/10, H01Q 1/24**(22) Date of filing: **28.05.91**(30) Priority: **29.05.90 JP 137125/90**(43) Date of publication of application:
04.12.91 Bulletin 91/49(84) Designated Contracting States:
DE GB IT SE(88) Date of deferred publication of the search report:
04.03.92 Bulletin 92/10(71) Applicant: **NEC CORPORATION**
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Siebertstrasse 4 P.O. Box 86 07 67
W-8000 München 86(DE)(54) **Antenna for portable radio equipment.**

(57) An antenna (10) for portable radio equipment serves as a $\lambda/2$ wavelength long antenna when extended (Fig.1A) or as a less than $\lambda/4$ wavelength long antenna such as a $\lambda/8$ wavelength long antenna

when contracted (Fig.1B). Both of such antenna configurations are matched by a single matching circuit (14) with respect to impedance. The antenna radiates power efficiently in the horizontal plane.

Fig. 1A*Fig. 1B***EP 0 459 391 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 91 10 8683

DOCUMENTS CONSIDERED TO BE RELEVANT

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	US-A-4 860 024 (EGASHIRA) * figures 1-5 *** column 1, line 45 - column 2, line 32 *** column 2, line 50 - column 6, line 2 ** 		