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- (71) **Applicant (for all designated States except US):** **PARATEK MICROWAVE, INC.** [US/US]; 22 Technology Way, Millyard Technology Park, Nashua, New Hampshire 03060 (US).
- (72) **Inventor; and**
- (75) **Inventor/Applicant (for US only):** **MENDOLIA, Gregory** [US/US]; 25 Jambard Rd, Hollis, New Hampshire 03049 (US).
- (74) **Agent:** **GUST, Andrew**; 304 Indian Trace #750, Weston, Florida 33326 (US).

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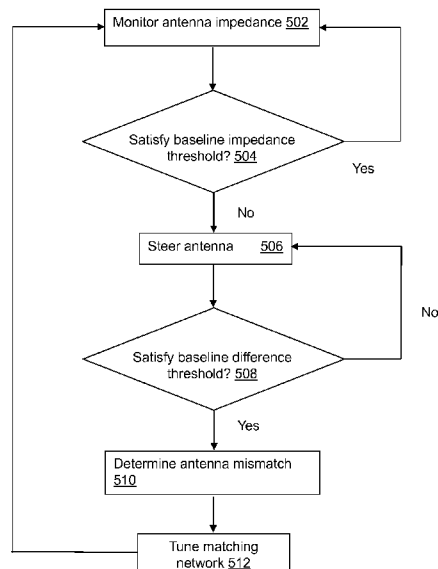
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[Continued on next page]

(54) **Title:** METHOD AND APPARATUS FOR TUNING A COMMUNICATION DEVICE



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FIG. 5

(57) **Abstract:** A system that incorporates teachings of the present disclosure may include, for example, a non-transitory computer-readable storage medium including computer instructions to obtain at least one operational parameter associated with a communication device and to adjust a steerable antenna of the communication device when the communication device does not satisfy an impedance threshold, where the satisfying of the impedance threshold is determined based on the at least one operational parameter. Additional embodiments are disclosed.



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**A. CLASSIFICATION OF SUBJECT MATTER*****H04B 1/00(2006.01)i, H01Q 3/34(2006.01)i***

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

H04B 1/00; H01Q 3/24; H04B 1/12; H04B 1/04; H04H 1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) &amp; Keywords: antenna, adjust, impedance, match

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                              | Relevant to claim No. |
|-----------|-----------------------------------------------------------------------------------------------------------------|-----------------------|
| A         | US 6640085 B1 (CHATZIPETROS; ARGYRIOS A. et al.) 28 October 2003<br>See claims 1-6 and figures 2-3.             | 1-20                  |
| A         | US 2002-0008672 A1 (GRIFFIN K. GOTHARD et al.) 24 January 2002<br>See paragraphs [0060]-[0066] and figures 3-4. | 1-20                  |
| A         | KR 10-0740177 B1 (KAIRONET INC.) 16 July 2007<br>See th abstract and claims 1,3-7.                              | 9-11,12-18,20         |



Further documents are listed in the continuation of Box C.



See patent family annex.

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Bok, Sang Moon

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