



US 20150141026A1

(19) **United States**

(12) **Patent Application Publication**
JOVER

(10) **Pub. No.: US 2015/0141026 A1**

(43) **Pub. Date: May 21, 2015**

(54) **ENDPOINT DEVICE ANTENNA BEAM FORMING BASED JAMMING DETECTION AND MITIGATION**

Publication Classification

(51) **Int. Cl.**
H04K 3/00 (2006.01)

(52) **U.S. Cl.**
CPC **H04K 3/224** (2013.01)

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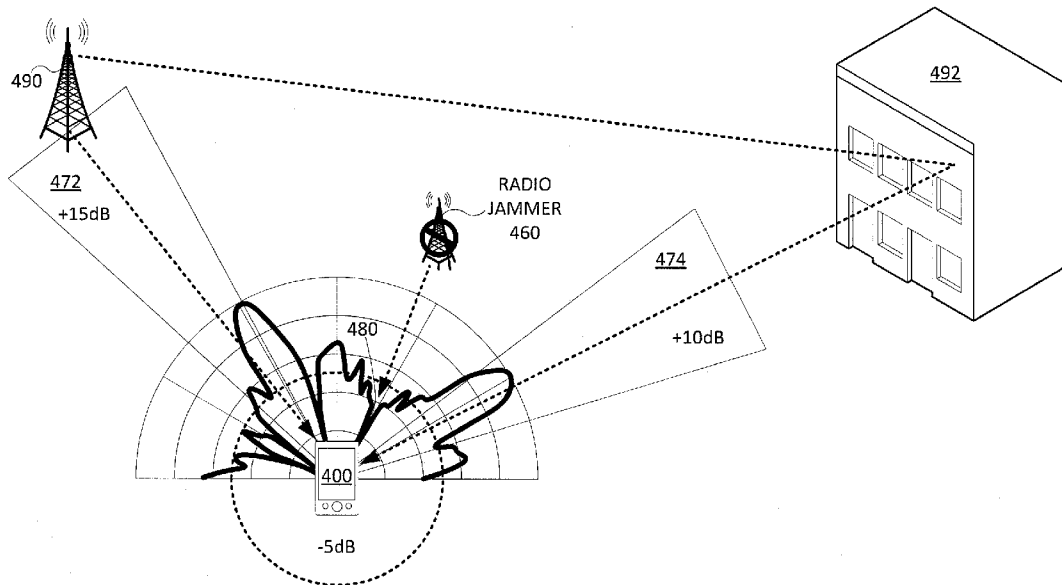
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(57) **ABSTRACT**

A method, computer-readable storage device and apparatus for locating a source of a communication impairment are disclosed. For example, the method detects the communication impairment, performs a sweep to locate a direction of the source of the communication impairment, wherein the sweep is performed in response to the detecting the communication impairment at the endpoint device, and generates a null in the direction of the source of the communication impairment.

(21) Appl. No.: **14/081,944**

(22) Filed: **Nov. 15, 2013**



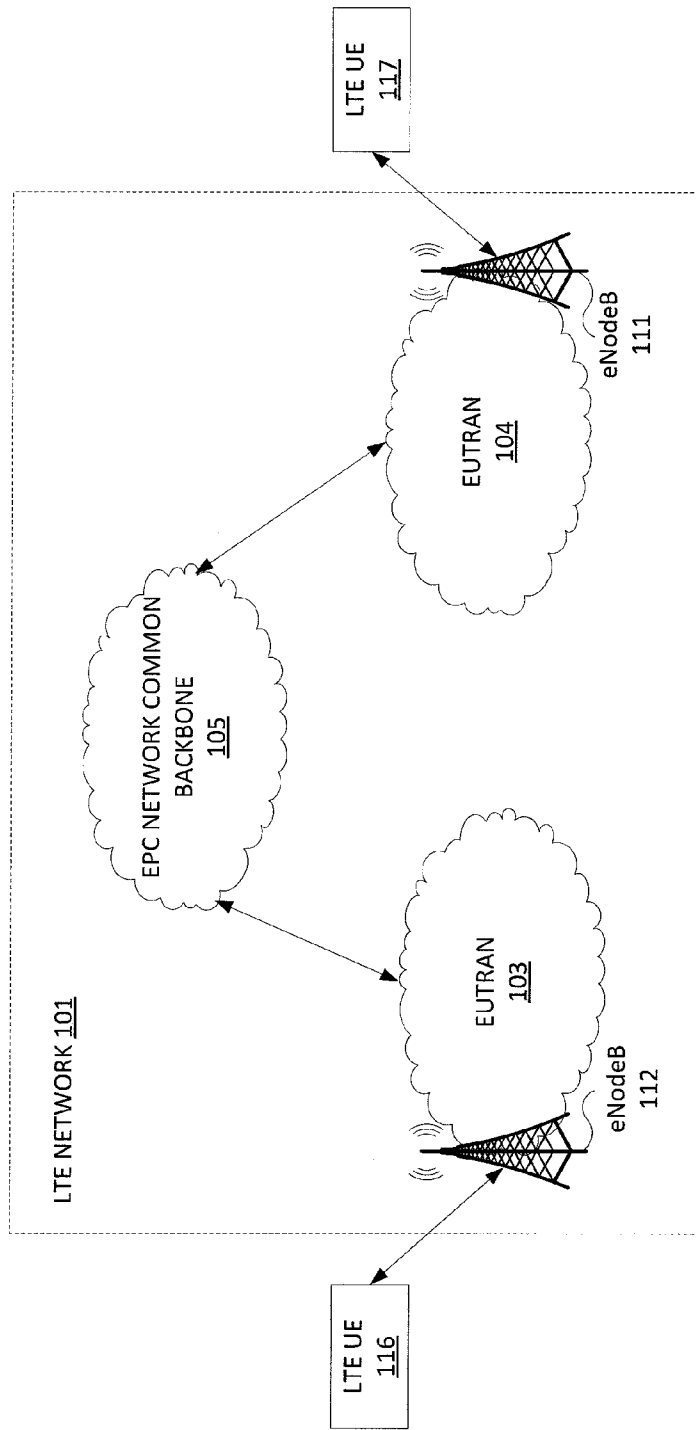


FIG. 1

100

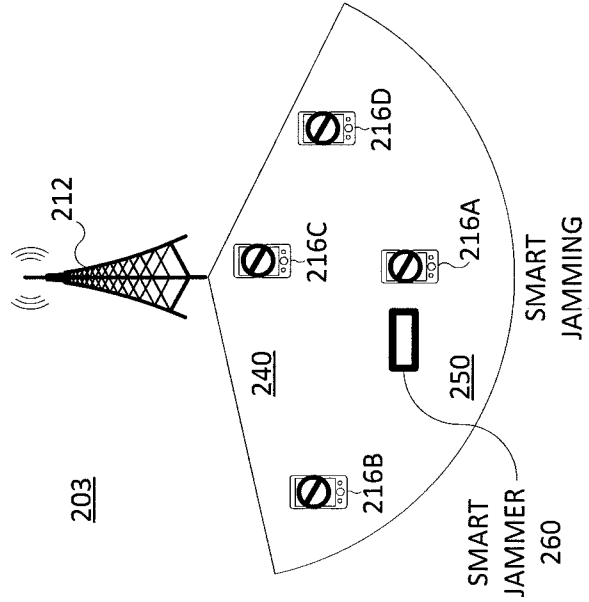


FIG. 2B

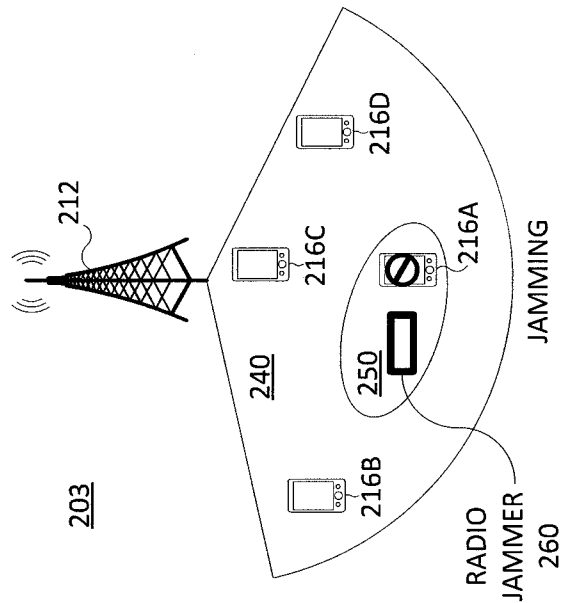


FIG. 2A

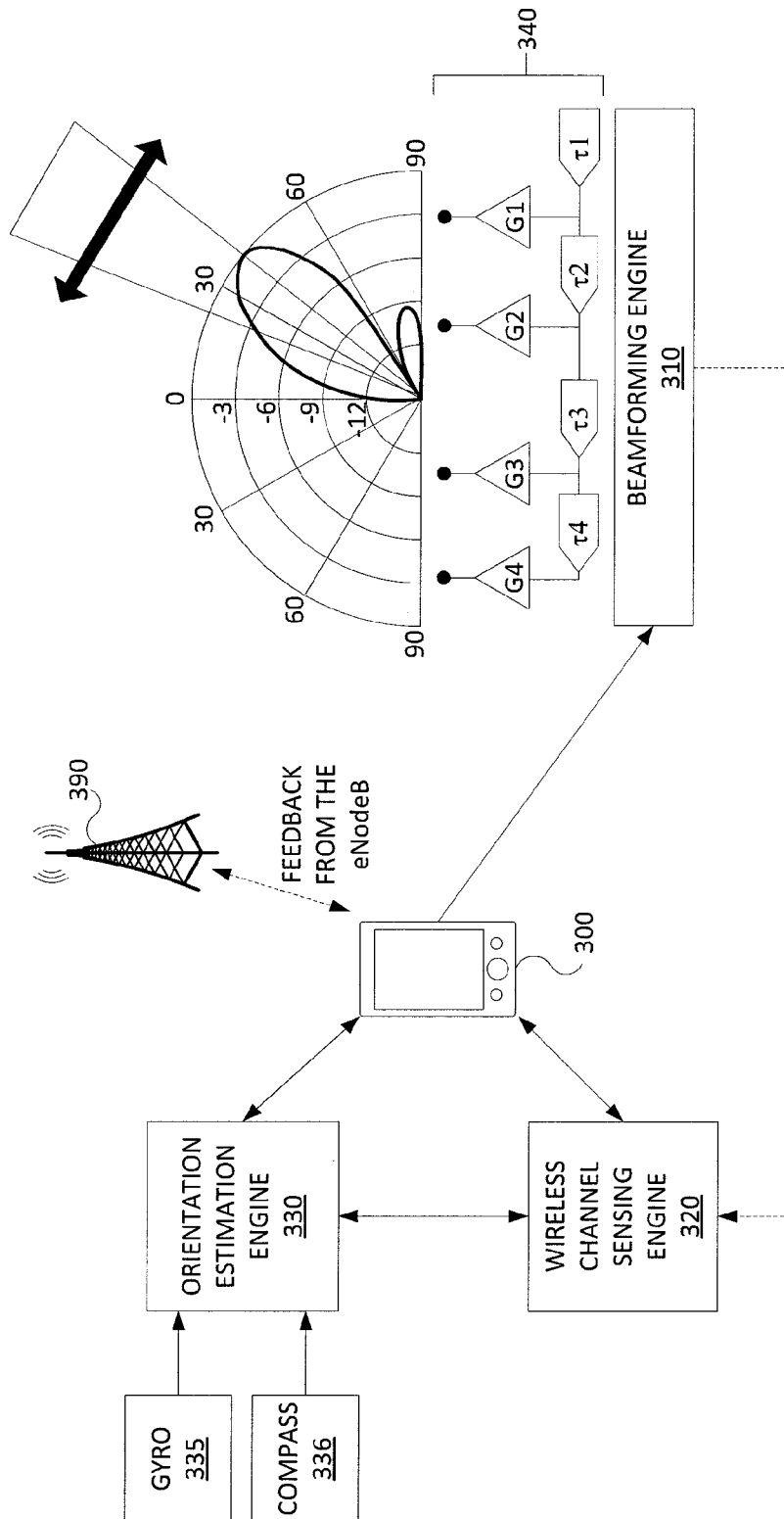


FIG. 3

FIG. 4A

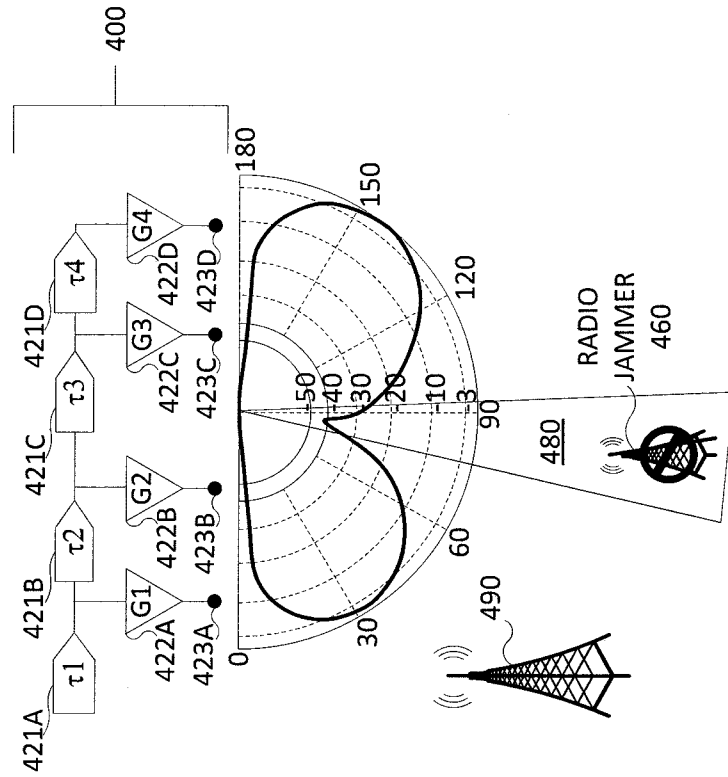
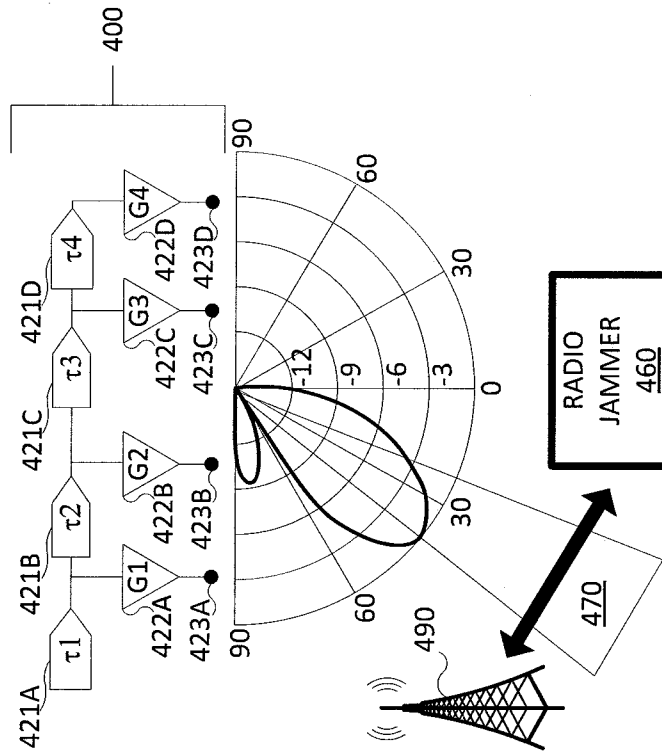


FIG. 4B



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