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(54) **LOCATION BASED TASK REMINDER**

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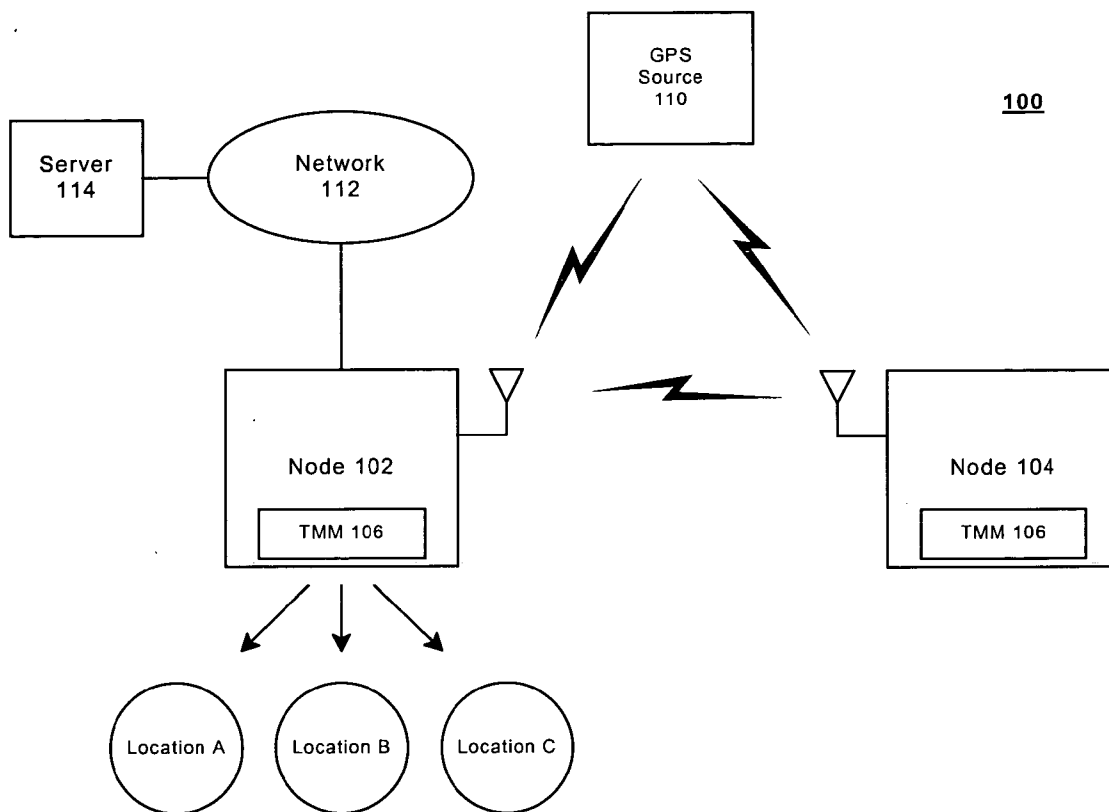**SEVENTH FLOOR**
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(57) **ABSTRACT**

Method and apparatus to provide a user task reminders based on location information are described.
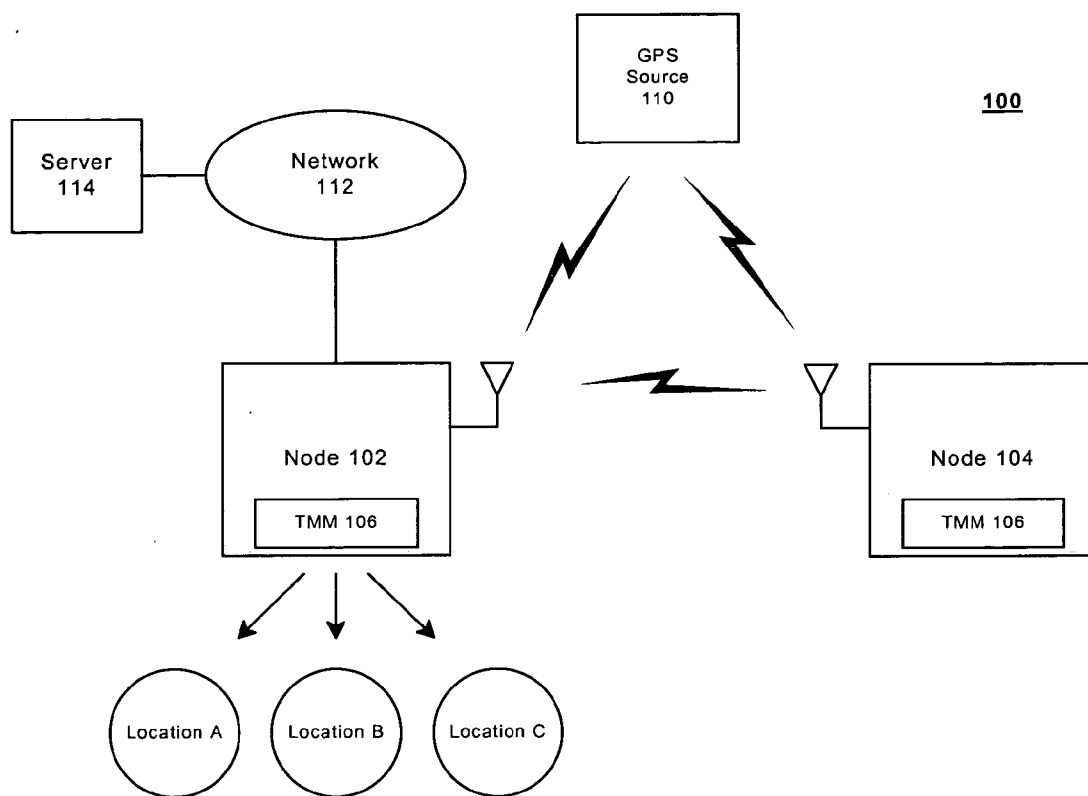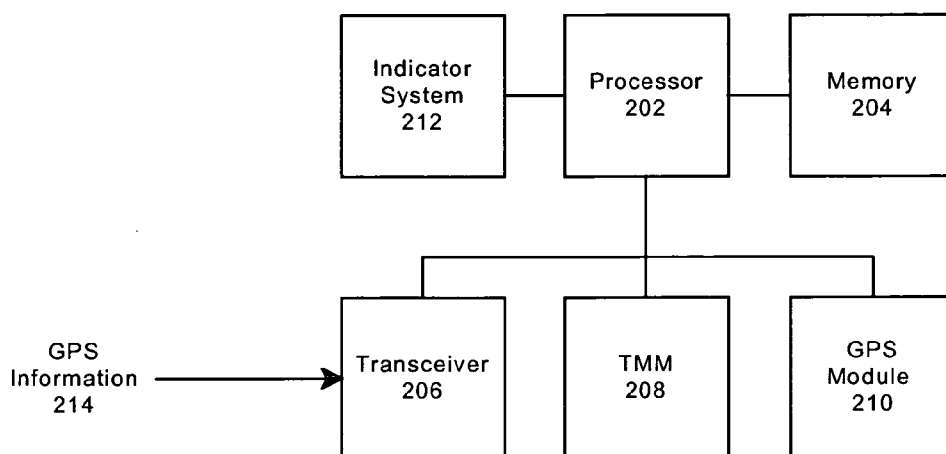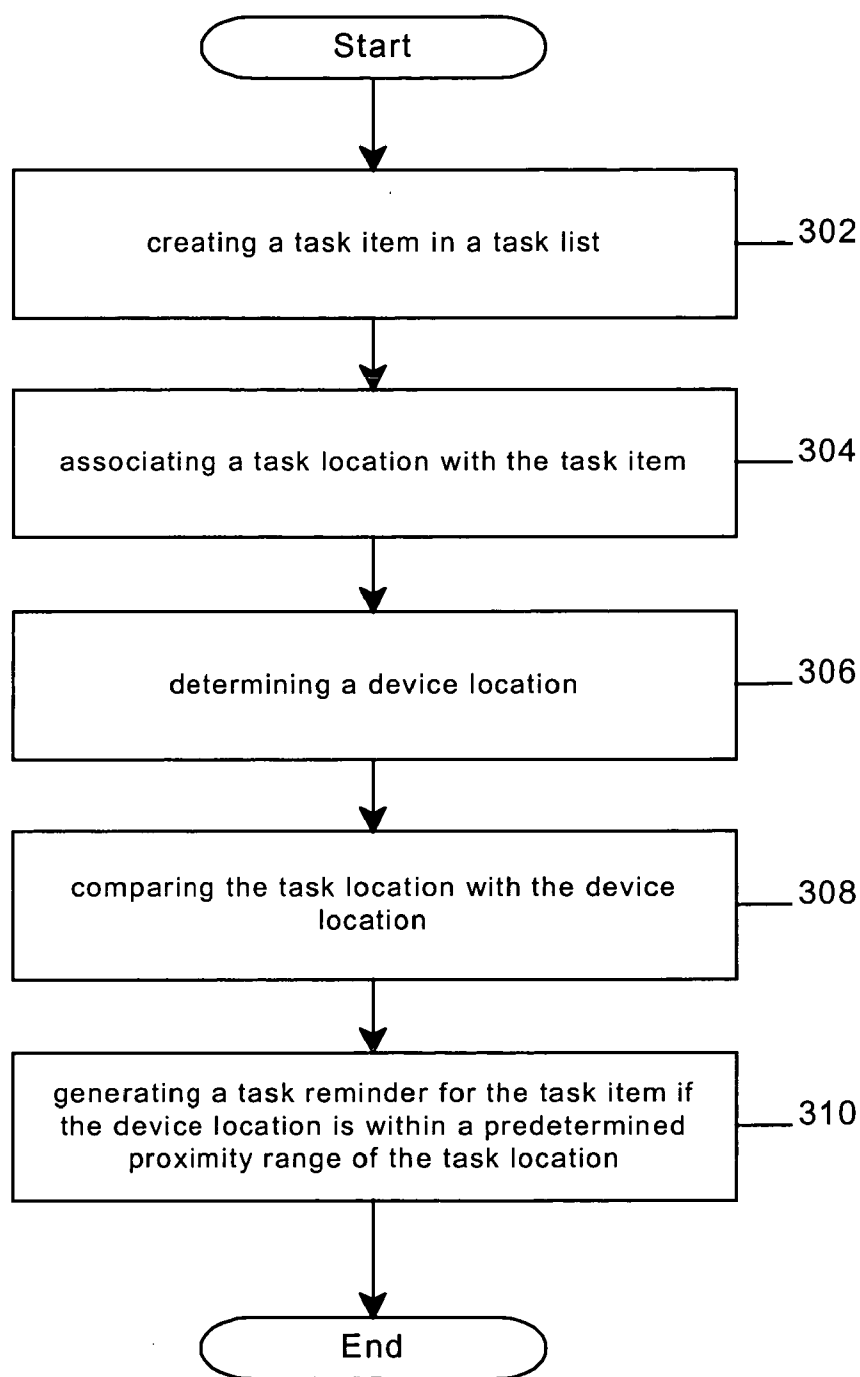
FIG. 1

200

FIG. 2

300

FIG. 3

LOCATION BASED TASK REMINDER

BACKGROUND

[0001]   A person may use a digital device as an organizer to manage various tasks to be performed by the person. For example, the person may have a personal digital assistant (PDA) to create and manage a list of tasks that need to be accomplished within a certain time period. Techniques to improve management of such tasks may result in more productivity and better time management. Accordingly, there may be a need for such techniques in a device or network.

BRIEF DESCRIPTION OF THE DRAWINGS

[0002]   **FIG. 1** illustrates a block diagram of a system **100**.

[0003]   **FIG. 2** illustrates a block diagram of a node **200**.

[0004]   **FIG. 3** illustrates a block diagram of a programming logic **300**.

DETAILED DESCRIPTION

[0005]   **FIG. 1** illustrates a block diagram of a system **100**. System **100** may comprise, for example, a communication system having multiple nodes. A node may comprise any physical or logical entity having a unique address in system **100**. Examples of a node may include, but are not necessarily limited to, a computer, server, workstation, laptop, ultra-laptop, handheld computer, telephone, cellular telephone, personal digital assistant (PDA), router, switch, bridge, hub, gateway, wireless access point (WAP), and so forth. The unique address may comprise, for example, a network address such as an Internet Protocol (IP) address, a device address such as a Media Access Control (MAC) address, and so forth. The embodiments are not limited in this context.

[0006]   The nodes of system **100** may be connected by one or more types of communications media and input/output (I/O) adapters. The communications media may comprise any media capable of carrying information signals. Examples of communications media may include metal leads, printed circuit boards (PCB), backplanes, switching fabrics, semiconductor material, twisted-pair wire, co-axial cable, fiber optics, radio frequency (RF) spectrum, and so forth. An information signal may refer to a signal which has been coded with information. The I/O adapters may be arranged to operate with any suitable technique for controlling information signals between nodes using a desired set of communications protocols, services or operating procedures. The I/O adapters may also include the appropriate physical connectors to connect the I/O adapters with a corresponding communications media. Examples of an I/O adapter may include a network interface, a network interface card (NIC), radio/air interface, disc controllers, video controllers, audio controllers, and so forth. The embodiments are not limited in this context.

[0007]   The nodes of system **100** may be configured to communicate different types of information, such as media information and control information. Media information may refer to any data representing content meant for a user, such as voice information, video information, audio infor-

data representing commands, instructions or control words meant for an automated system. For example, control information may be used to route media information through a system, or instruct a node to process the media information in a predetermined manner.

[0008]   The nodes of system **100** may communicate media and control information in accordance with one or more protocols. A protocol may comprise a set of predefined rules or instructions to control how the nodes communicate information between each other. The protocol may be defined by one or more protocol standards as promulgated by a standards organization, such as the Internet Engineering Task Force (IETF), International Telecommunications Union (ITU), the Institute of Electrical and Electronics Engineers (IEEE), and so forth.

[0009]   Referring again to **FIG. 1**, system **100** may comprise nodes **102**, **104**, and **110**. In one embodiment, for example, the nodes may comprise wireless nodes arranged to communicate information over a wireless communication medium, such as RF spectrum. To accomplish this, the nodes may include additional components and interfaces suitable for communicating information signals over the designated RF spectrum, such as omni-directional antennas, wireless RF transceivers, amplifiers, filters, control logic, and so forth. Although **FIG. 1** is shown with a limited number of nodes in a certain topology, it may be appreciated that system **100** may include more or less nodes in any type of topology as desired for a given implementation. The embodiments are not limited in this context.

[0010]   In one embodiment, node **110** may comprise a global positioning system (GPS) source **110**. GPS source **110** may operate to provide GPS signals, and may be implemented as one or more GPS satellites. The GPS satellites may be arranged to provide GPS signals to a corresponding GPS module implemented with node **102**. The GPS module may use the GPS signals to determine a location for a device ("device location"), such as nodes **102** and/or **104**.

[0011]   In one embodiment, system **100** may comprise nodes **102** and **104**. Nodes **102** and **104** may comprise, for example, a mobile device having a processing system. The processing system may include a processor, memory, operating system (OS), and application software and/or hardware. Examples of an OS may include an operating system (OS) made by PalmSource, Inc. such as a Palm OS, an OS made by Microsoft Corporation such as Microsoft® Windows® CE, and so forth. Examples of nodes **102** and **104** may include a mobile or cellular telephone, a computer equipped with a wireless access card or modem, a handheld client device such as a wireless PDA, and so forth. In one embodiment, for example, nodes **102** and/or **104** may comprise wireless devices developed in accordance with the Personal Internet Client Architecture (PCA) by Intel® Corporation. The embodiments are not limited in this context.

[0012]   Nodes **102** and **104** may also include application software. More particularly, nodes **102** and **104** may include scheduling application software. Scheduling application software may assist a user in performing various scheduling and time management operations, such as creating task items for a task list, organizing information, maintaining

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