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[Continued on next page]

(54) Title: METHOD OF NETWORK MANAGEMENT BY ASSISTANCE FROM TERMINAL USING CONTROL-PLANE SIGNALING BETWEEN TERMINAL AND NETWORK

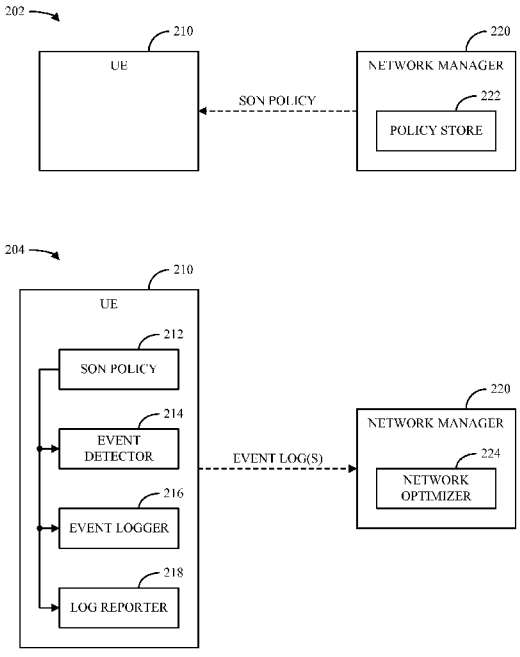


FIG. 2

(57) Abstract: Systems and methodologies are described that facilitate network management and optimization. As described herein, a network and a device communicating with the network can exchange network management information, thereby supporting a Self Organized Network (SON) architecture for improved network management and optimization performance. A Non-Access Stratum (NAS) layer protocol and/or an Internet Protocol (IP) application, in combination with a set of associated network management messages, can be utilized to exchange network management information between a device and a network. As further described herein, various procedures can be utilized to install a SON policy to a device in order to define device behavior for operations such as collecting and reporting information related to network management. Additionally, a set of standardized events can be defined, based on which a device can detect the occurrence of an event and report the occurrence to an associated network.

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