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(71) Applicant: **AIRA TECHNOLOGIES, INC.** [US/US];
20640 Third Street, Suite 200, Saratoga, California 95070
(US).

(72) Inventors: **GOPALAN, RaviKiran**; c/o Aira Technologies, Inc., 20640 Third Street, Suite 200, Saratoga, California 95070 (US). **JIANG, Yihan**; c/o Aira Technologies, Inc., 20640 Third Street, Suite 200, Saratoga, California 95070 (US). **RATHOD, Jash**; c/o Aira Technologies, Inc., 20640 Third Street, Suite 200, Saratoga, California 95070 (US). **VIPPALA, Rahul**; c/o Aira Technologies, Inc., 20640 Third Street, Suite 200, Saratoga, California 95070 (US).

(74) Agent: **HURT, James Young et al.**; Sheppard, Mullin, Richter & Hampton LLP, 12275 El Camino Real, Suite 100, San Diego, California 92130 (US).

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(54) Title: METHOD AND SYSTEM FOR CONTEXT-AWARE TELECOMMUNICATIONS, CELLULAR, AND RADIO BASED GENERATIVE PRE-TRAINED TRANSFORMER

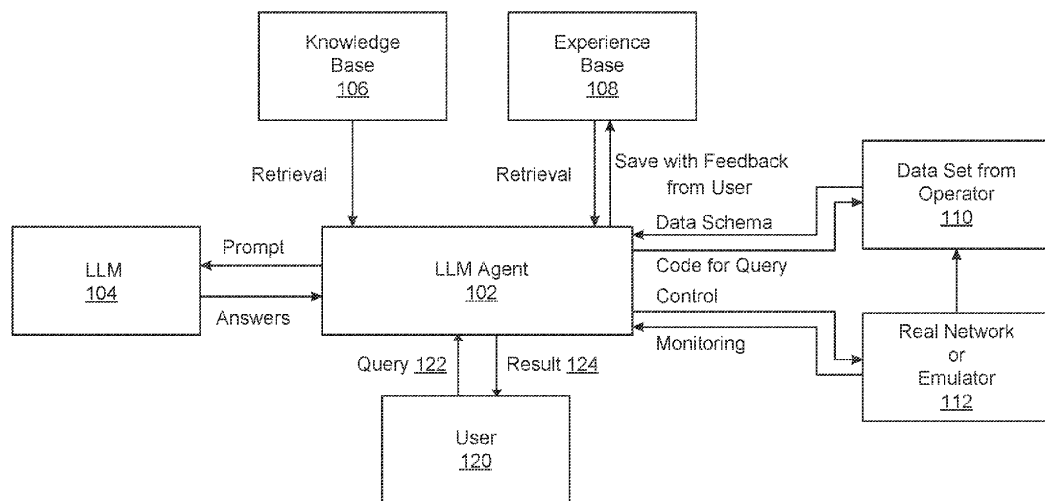


FIG. 1

(57) Abstract: This disclosure relates to methods, systems, and devices for AI/ML assisted management of a radio access network (RAN). In particular, an LLM is employed to generate answer to user queries, for example in the form of code that can be executed upon streaming data from the RAN, including performance management and control management databases. To provide prompts the LLM can understand, an LLM agent employs a knowledge base and experience base to transform the language of the queries from the highly technical telecommunications domain to a general domain. Frequently asked questions and their answers may be stored in the experience base and used instead of using the LLM.

[Continued on next page]

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