(19) **United States**

(12) **Patent Application Publication** (10) Pub. No.: **US 2012/0020318 A1**

Naoe et al. (43) Pub. Date: **Jan. 26, 2012**

(54) **MOBILE COMMUNICATION SYSTEM**

(76) Inventors: **Hirokazu Naoe**, Osaka (JP);
Masafumi Aramoto, Osaka (JP)

Publication Classification

(57) **ABSTRACT**

A core network includes a PDN connection holding unit that associates and stores information regarding PDN connection with information indicating an address block configured as a set of a plurality of addresses identifying a plurality of the information terminal devices. Therefore, it is possible to suppress an increase in the processing load and a limitation of providable services, even in the case in which an ad-hoc network is formed between a mobile terminal device and a plurality of terminal equipments and a PDN connection is made by the terminal equipments using the mobile terminal device as an MT.
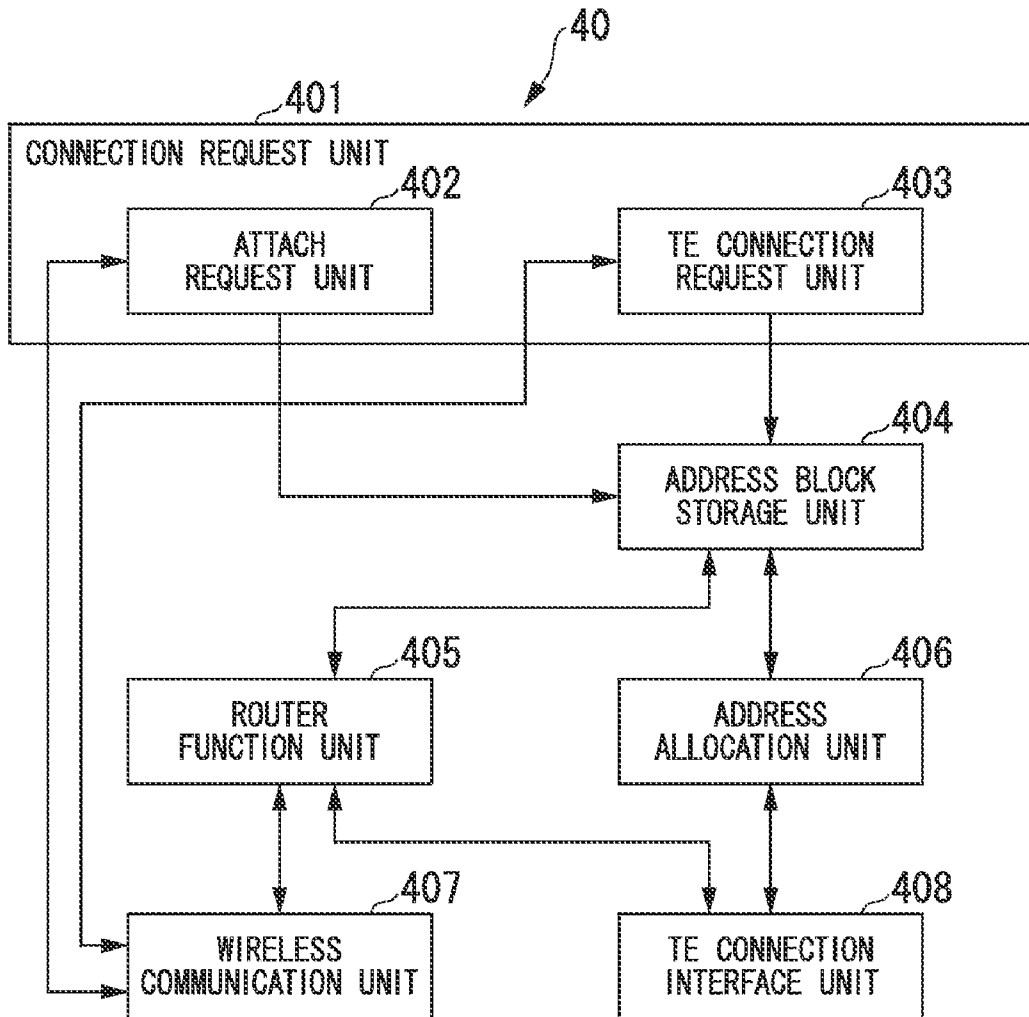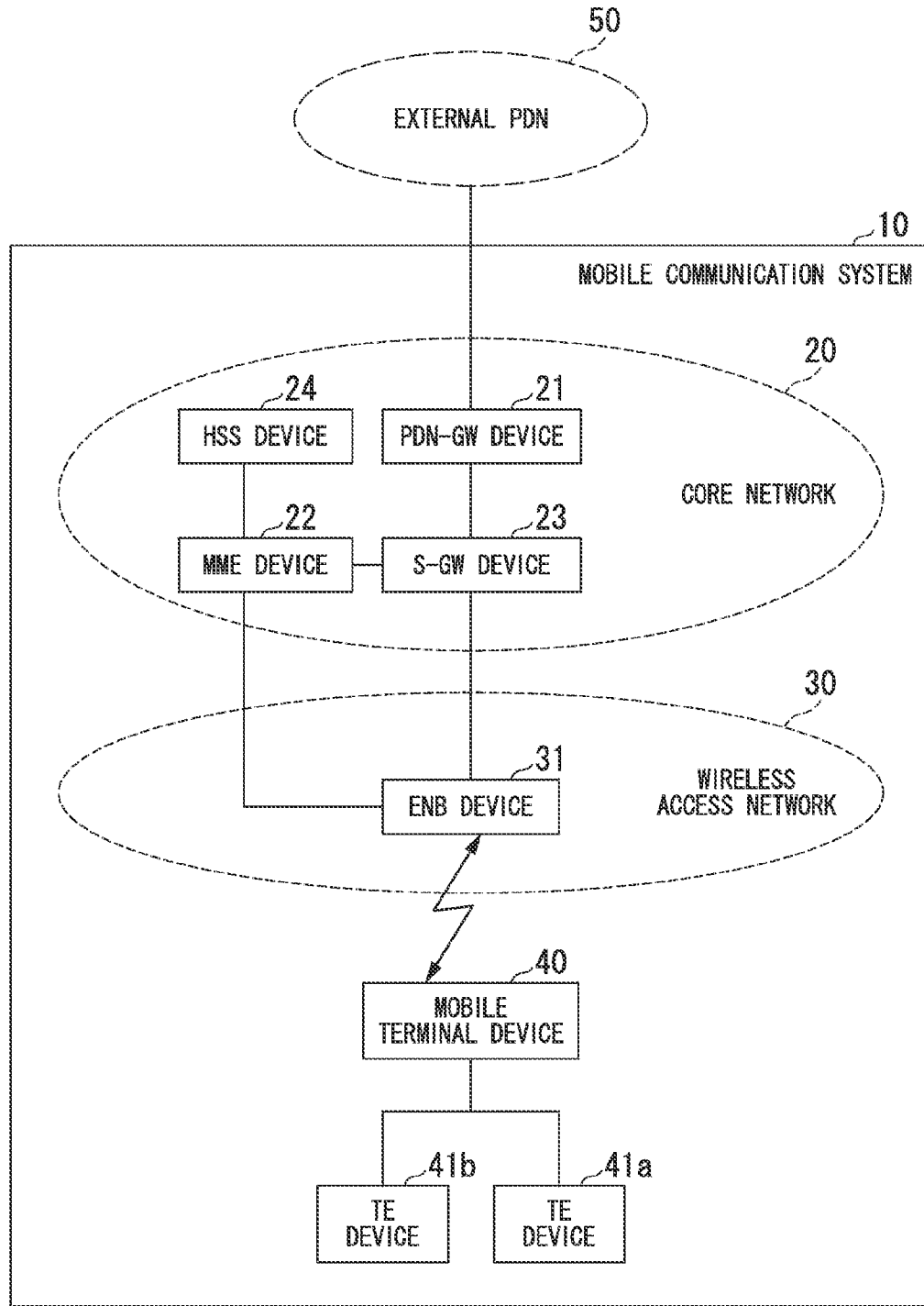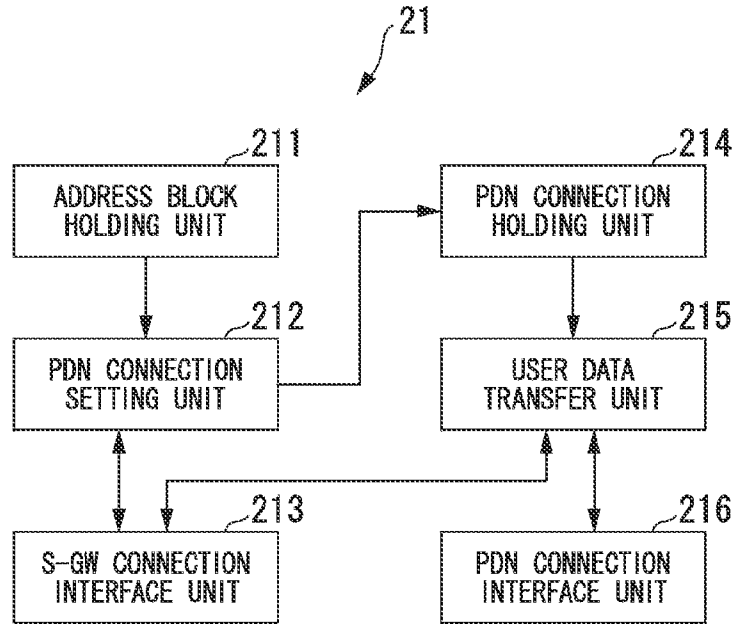
FIG. 1

FIG. 2

FIG. 3
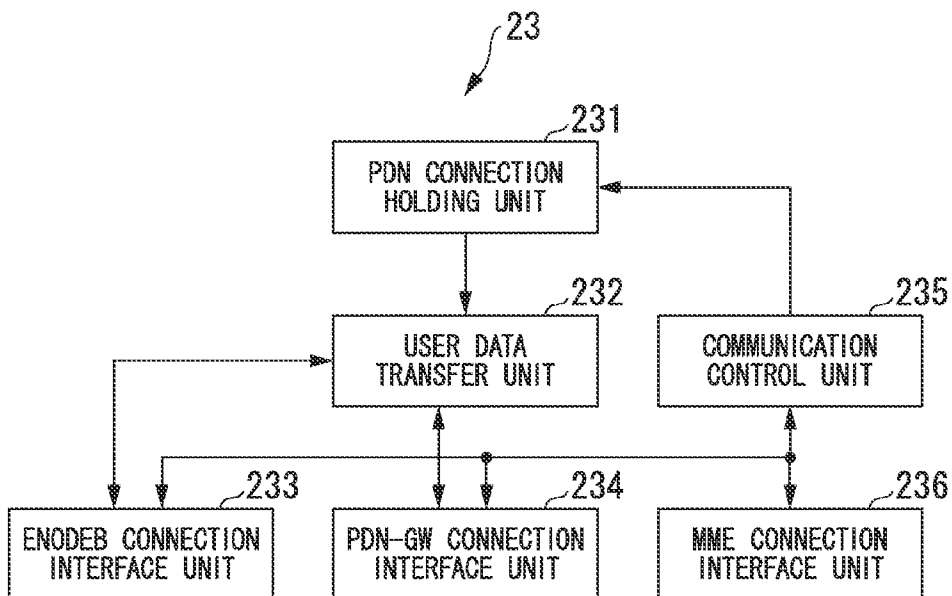
FIG. 4
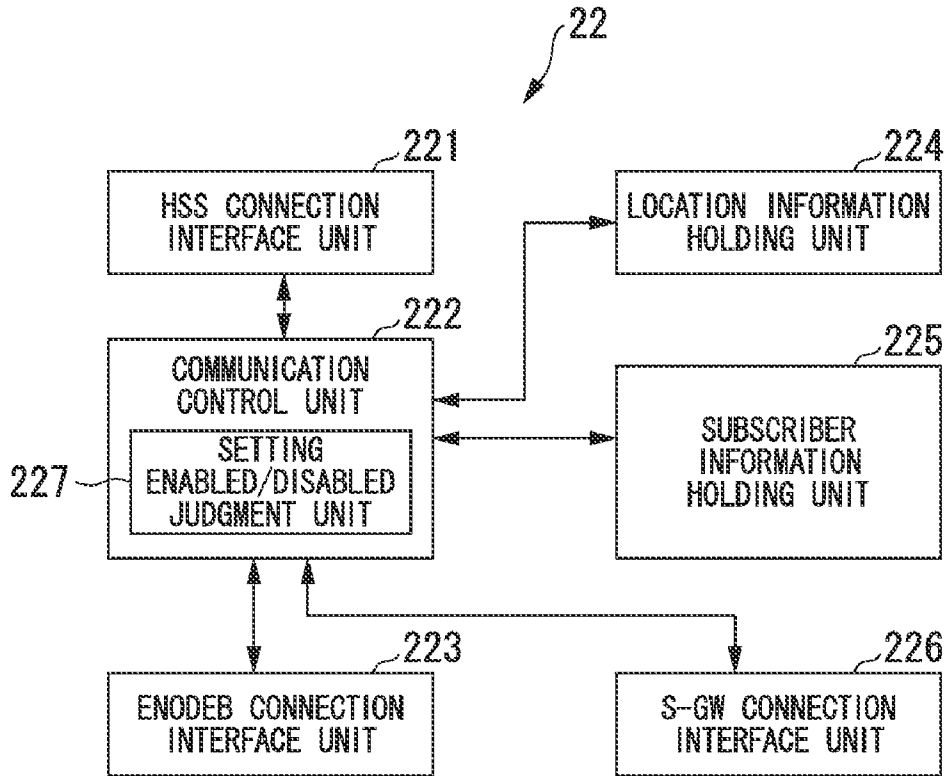
FIG. 5

FIG. 6

FIG. 7

DOCKET ALARM

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.
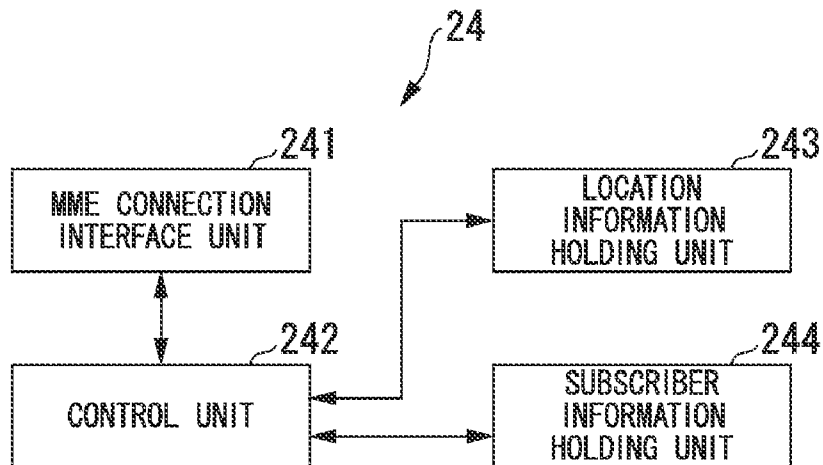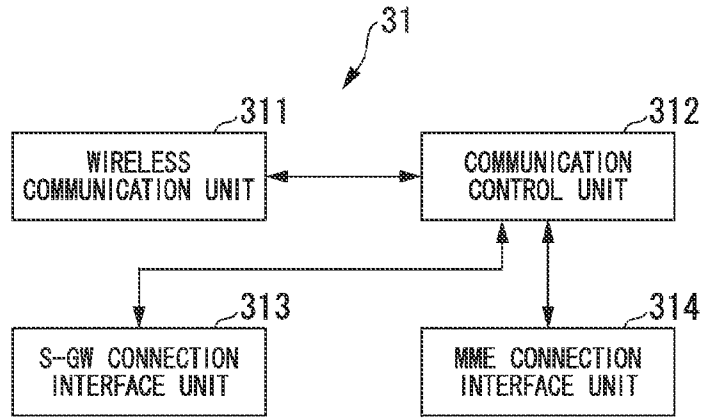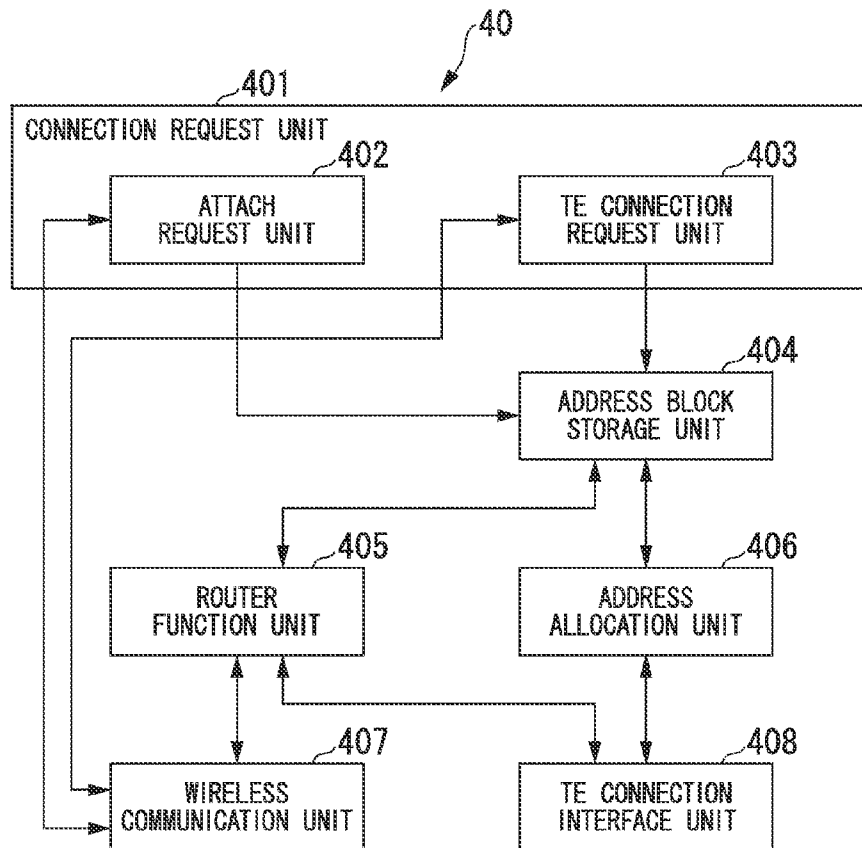
Real-Time Litigation Alerts

Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research

With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips

Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS
Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS
Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS
Sync your system to PACER to automate legal marketing.