

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2019/0132824 A1 Jeon et al.

May 2, 2019 (43) Pub. Date:

(54) GROUP COMMON DCI FOR WIRELESS RESOURCES

(71) Applicant: Comcast Cable Communications, LLC, Philadelphia, PA (US)

(72) Inventors: **Hyoungsuk Jeon**, Oakton, VA (US); Esmael Hejazi Dinan, Herndon, VA (US); Hua Zhou, Herndon, VA (US); Alireza Babaei, Fairfax, VA (US); Kyungmin Park, Arlington, VA (US); Ali Cirik, Herndon, VA (US)

(21) Appl. No.: 16/171,800

(22) Filed: Oct. 26, 2018

Related U.S. Application Data

(60) Provisional application No. 62/577,995, filed on Oct. 27, 2017.

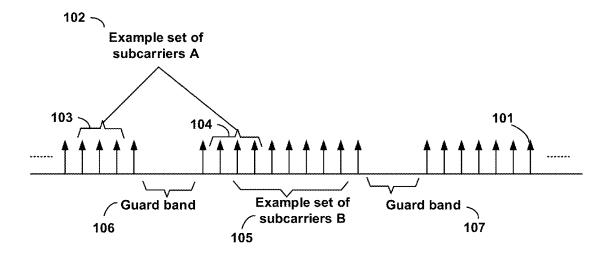
Publication Classification

(51) Int. Cl. H04W 72/04 (2006.01)H04W 28/20 (2006.01)

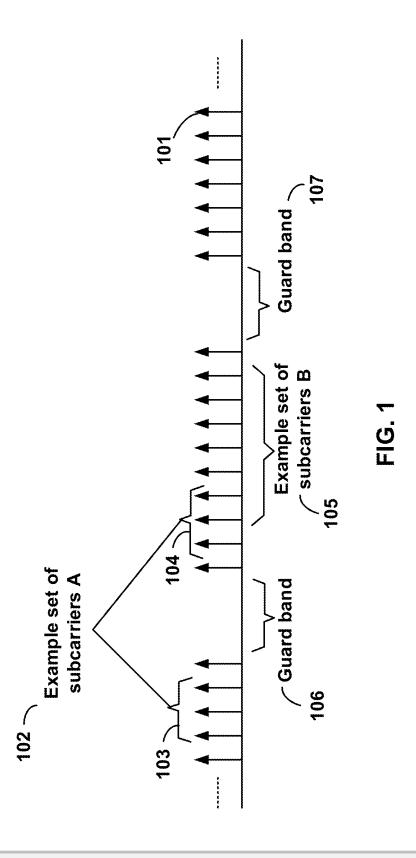
U.S. Cl. CPC H04W 72/042 (2013.01); H04W 28/20 (2013.01)

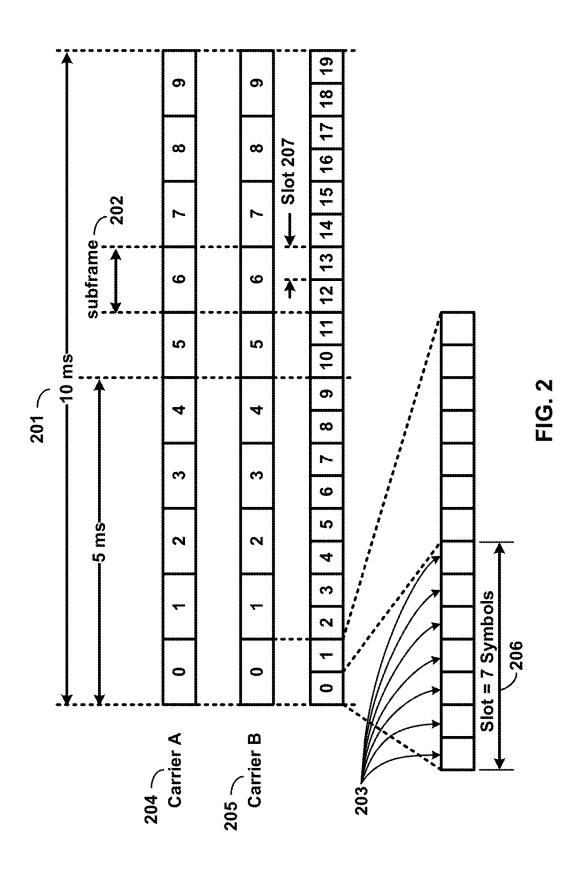
(57)ABSTRACT

Systems, apparatuses, and methods are described for wireless communications. A base station may send, to a wireless device, one or more radio resource control messages comprising parameters for one or more bandwidth parts or other wireless resources. The base station may send, to the wireless device, downlink control information comprising one or more bandwidth part identifiers. The wireless device may switch, based on the downlink control information, from a first bandwidth part to a second bandwidth part.









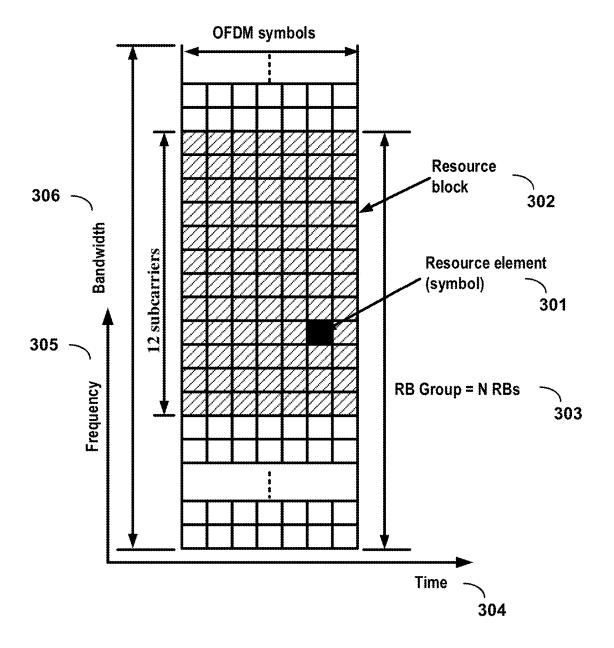
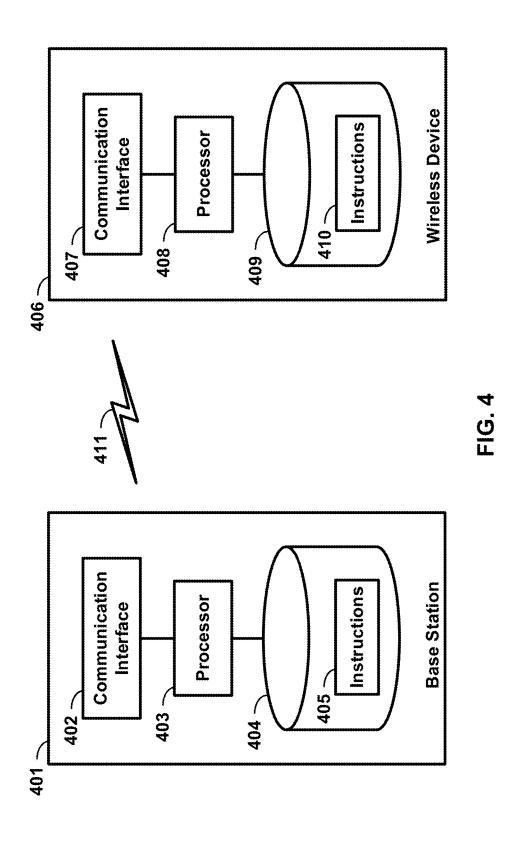


FIG. 3





DOCKET A L A R M

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.

