

IPR2021-00375, Qualcomm v. UNMRI
U.S. Patent No. 8,265,096
Patent Owner UNMRI

Oral Argument Demonstratives

Patent Trial and Appeal Board
May 12, 2022

PROPOSED AMENDED CLAIMS

Proposed Amended Claim Language

AMENDED CLAIM 44 REPLACING ORIGINAL CLAIM 1

- **Proposed Amended Claim 44 (replacing claim 1):** A method of constructing a frame structure for data transmission, the method comprising:
 - generating a first section comprising data configured in a first format compatible with a first communication system using symbols;
 - generating a second section following the first section, the second section comprising data configured in a second format compatible with a second communication system using symbols, wherein the first communication system's symbols and the second communication system's symbols co-exist in one transmission scheme and wherein:
 - the second format is compatible with the second communication

Proposed Amended Claim Language

AMENDED CLAIM 44 REPLACING ORIGINAL CLAIM 1

system configured to support higher mobility than the first communication system,

- wherein each symbol in the second communication system has a shorter symbol period than that in the first communication system;
and
- wherein the second communication system has pilot symbols that are denser than those in the first communication system;
- generating at least one non-data section containing information describing an aspect of data in at least one of the first section and the second section; and
- combining the first section, the second section and the at least one non- data section to form the frame structure.

Proposed Amended Claim Language

AMENDED CLAIMS 45-47(2-4), 49(6) AND 50(7).

Amended Claim 45 / Original Claim 2: The method of claim [4]44, wherein the non-data section comprises mapping information for at least one of the first section and the second section.

Amended Claim 46 / Original Claim 3: The method of claim [4]44, wherein the non-data section comprises at least one of a preamble, a frame control header 60 (FCH), a burst, and a map of at least one of the first section and the second section.

Amended Claim 47 / Original Claim 4: The method of claim [3]46, wherein the second section follows the first section in at least one of time sequence and frequency spectrum.

Amended Claim 49 / Original Claim 6: The method of claim [4]44, wherein each of the first section and the second section carries at least one of uplink and downlink data.

Amended Claim 50 / Original Claim 7: The method of claim [4]44, wherein the second section carries mapping information for data in the second section.

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.