

DOCKET NO.: REMB 0109
Application No.: 12/543,910
Notice of Allowance Dated: July 22, 2011

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Gordon Bremer

Confirmation No.: 8306

Application No.: 12/543,910

Group Art Unit: 2611

Filing Date: August 19, 2009

Examiner: Dac V Ha

**For: SYSTEM AND METHOD OF COMMUNICATION VIA EMBEDDED
MODULATION**

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

AMENDMENT AFTER ALLOWANCE PURSUANT TO 37 CFR § 1.312

In response to the Notice of Allowance dated **July 22, 2011**, reconsideration is respectfully requested in view of the amendments and/or remarks as indicated below:

- ☒ **Amendments to the Specification** begin on page 2 of this paper.
- ☒ **Amendments to the Claims** are reflected in the listing of the claims which begins on page 3 of this paper.
- ☐ **Amendments to the Drawings** begin on page of this paper and include an attached replacement sheet.
- ☒ **Remarks** begin on page 16 of this paper.
- ☒ The Commissioner is hereby authorized to charge any fee deficiency, charge any additional fees, or credit any overpayment of fees, associated with this application in connection with this filing, or any future filing, submitted to the U.S. Patent and Trademark Office during the pendency of this application, to Deposit Account No. 50-5519.

DOCKET NO.: REMB 0109

PATENT

Application No.: 12/543,910

Notice of Allowance Dated: July 22, 2011

Please amend the Title of the Application, which is presented above paragraph [0001] of the specification, as follows:

SYSTEM AND METHOD OF COMMUNICATION VIA ~~EMBEDDED~~ USING AT LEAST TWO MODULATION METHODS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) A communication device capable of communicating according to a master/slave relationship in which a slave communication from a slave to a master occurs in response to a master communication from the master to the slave, the device comprising:

a transceiver, in the role of the master according to the master/slave relationship, for sending at least transmissions modulated using at least two types of modulation methods, wherein the at least two types of modulation methods comprise a first modulation method and a second modulation method, wherein the second modulation method is of a different type than the first modulation method, wherein each transmission comprises a group of transmission sequences, wherein each group of transmission sequences is structured with at least a first portion and a payload portion wherein first information in the first portion indicates at least which of the first modulation method and the second modulation method is used for modulating second information in the payload portion, wherein at least one group of transmission sequences is addressed for an intended destination of the payload portion, and wherein for the at least one group of transmission sequences:

the first information for said at least one group of transmission sequences comprises a first sequence, in the first portion and modulated according to the first modulation method, wherein the first sequence indicates an impending change from the first modulation method to the second modulation method, and

the second information for said at least one group of transmission sequences comprises a second sequence that is modulated according to the second modulation method, wherein the second sequence is transmitted after the first sequence.

2. (Previously Presented) The device of claim 1, wherein the transceiver is configured to transmit a third sequence after the second sequence, wherein the third sequence is transmitted in the first modulation method and indicates that communication from the master to the slave has reverted to the first modulation method.

3. – 8. (Canceled)

9. (Previously Presented) The device of claim 1, wherein the transceiver is configured to transmit the second sequence according to a specific time interval.

10. (Previously Presented) The device of claim 1, wherein the transceiver is configured to transmit the second sequence according to a particular quantity of data.

11. (Previously Presented) The device of claim 1, further comprising a processor and a memory, wherein the memory has stored therein instructions that when executed by the processor cause the transceiver to transmit the first sequence and the second sequence.

12. (Previously Presented) The device of claim 11, wherein the memory has stored therein program code for the first modulation method and the second modulation method.

13. (Previously Presented) The device of claim 11, wherein the memory comprises random access memory.

14. (Previously Presented) The device of claim 11, wherein the memory comprises read-only memory.

15. (Previously Presented) The device of claim 11, wherein the memory has stored therein program code for operating the transceiver in a multipoint master/slave relationship.

16. – 17. (Canceled)

18. (Previously Presented) The device of claim 1, wherein the first communication from the master to the slave is a poll in accordance with a multipoint communications relationship, wherein the poll indicates that the master has selected the slave for transmission.

19. (Canceled)

20. (Previously Presented) A communications device, comprising:

a processor; and

a memory having stored therein executable instructions for execution by the processor, wherein the executable instructions direct transmission of a first data with a first modulation method followed by a second data with a second modulation method, wherein the first modulation method is different than the second modulation method, wherein the first data comprises an indication of an impending change from the first modulation method to the second modulation method, wherein the executable instructions direct transmission of a third data with the first modulation method after the second data, and wherein the third data indicates that communication has reverted to the first modulation method.

21. – 26. (Canceled)

27. (Previously Presented) The device of claim 20, wherein transmission of the second data is according to a specific time interval.

28. (Previously Presented) A communications device, comprising:

a processor; and

a memory having stored therein executable instructions for execution by the processor, wherein the executable instructions direct transmission of a first data with a first modulation method followed by a second data with a second modulation method, wherein the first modulation method is different than the second modulation method, wherein the first data comprises an indication of an impending change from the first modulation method to the second modulation method wherein the executable instructions direct transmission of a third data with the first modulation method after the second data, and wherein transmission of the second data is according to a particular quantity of data.

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.