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
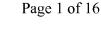   MODULATION**

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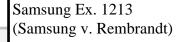Alexandria, VA 22313-1450

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.

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~~ <u>USING AT LEAST</u>

<u>TWO</u> MODULATION <u>METHODS</u>

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.

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