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(12) **United States Patent**  
**Bremer**

(10) **Patent No.:** **US 8,457,228 B2**  
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(54) **SYSTEM AND METHOD OF COMMUNICATION USING AT LEAST TWO MODULATION METHODS**

375/305, 308; 455/102, 110; 332/108, 119, 332/120, 151

See application file for complete search history.

(76) Inventor: **Gordon F. Bremer**, Clearwater, FL (US)

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(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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This patent is subject to a terminal disclaimer.

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(21) Appl. No.: **13/198,568**

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(65) **Prior Publication Data**

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(Continued)

**Related U.S. Application Data**

Primary Examiner — Dac Ha

(63) Continuation of application No. 12/543,910, filed on Aug. 19, 2009, now Pat. No. 8,023,580, which is a continuation of application No. 11/774,803, filed on Jul. 9, 2007, now Pat. No. 7,675,965, which is a continuation of application No. 10/412,878, filed on Apr. 14, 2003, now Pat. No. 7,248,626, which is a continuation-in-part of application No. 09/205,205, filed on Dec. 4, 1998, now Pat. No. 6,614,838.

(74) *Attorney, Agent, or Firm* — Condo Roccia LLP

(60) Provisional application No. 60/067,562, filed on Dec. 5, 1997.

(57) **ABSTRACT**

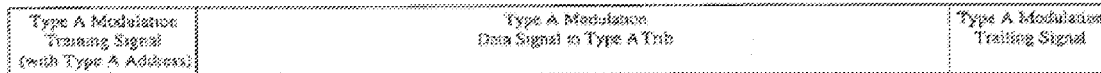
A device may be capable of communicating using at least two type types of modulation methods. Methods and systems are provided for communication of data according to a communications method in which a master transceiver communicates with one or more slave transceivers according to a master/slave relationship. A first data message may include first information and second information that are modulated according to a first modulation method. The second information may include lower data rate data. A second data message may include third information that may be modulated according to the first modulation method and that may indicate an impending change to a second modulation method. The second modulation method may be used for transmitting fourth information, and the fourth information may be included in the second message. The fourth information may include higher data rate data, for example Internet access data.

(51) **Int. Cl.**  
**H04L 5/12** (2006.01)

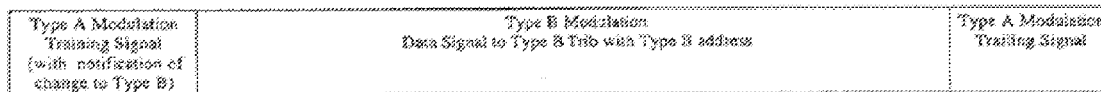
(52) **U.S. Cl.**  
USPC ..... **375/261**; 375/295; 455/102; 332/108; 332/119; 332/151

(58) **Field of Classification Search**  
USPC ..... 375/261, 269, 285, 222, 298, 302,

**52 Claims, 8 Drawing Sheets**



**170**



**172**

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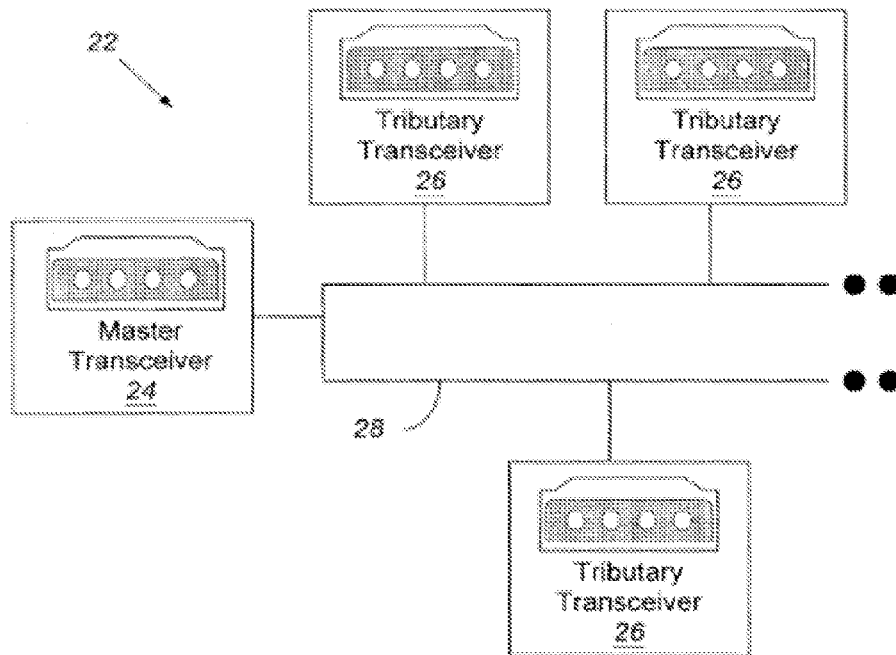
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**FIG. 1**  
**Prior Art**

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