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(12) **United States Patent**  
Bremer

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(54) **SYSTEM AND METHOD OF COMMUNICATION USING AT LEAST TWO MODULATION METHODS**

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

(58) **Field of Classification Search** ..... **375/261,**  
**375/269, 285, 222, 298, 302, 305, 308; 455/102,**  
**455/110; 332/108, 119, 120, 151**

See application file for complete search history.

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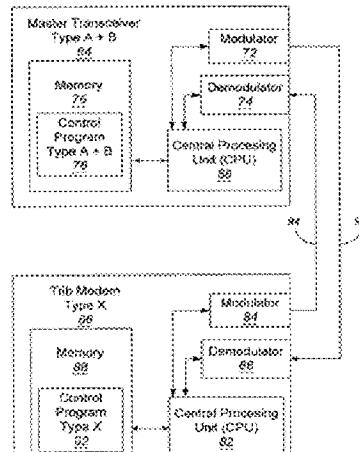
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(57) **ABSTRACT**

A device may be capable of communicating using at least two type types of modulation methods. The device may include a transceiver capable of acting as a master according to a master/slave relationship in which communication from a slave to a master occurs in response to communication from the master to the slave. The master transceiver may send transmissions discrete transmissions structured with a first portion and a payload portion. Information in the first portion may be modulated according to a first modulation method and indicate an impending change to a second modulation method, which is used for transmitting the payload portion. The discrete transmissions may be addressed for an intended destination of the payload portion.

**79 Claims, 8 Drawing Sheets**



**Apple Exhibit 1101**

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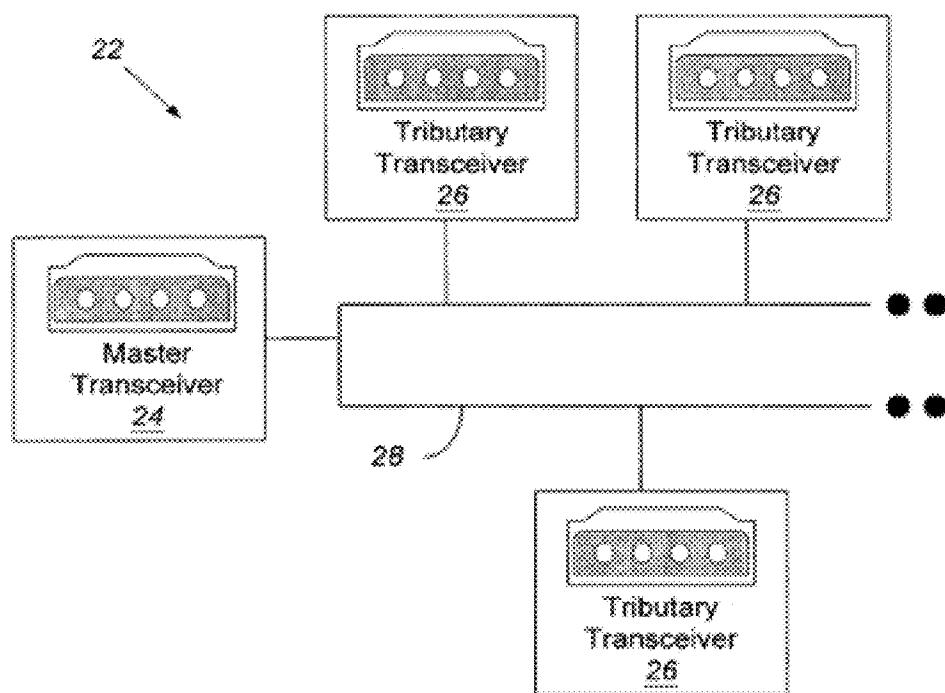
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**FIG. 1**  
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