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United States Patent [19]

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Briancon et al.

[45] Date of Patent: **May 18, 1999**

[54] **MULTIPART ANALOG MESSAGE AND A RESPONSE IN A COMMUNICATION SYSTEM**

5,128,665	7/1992	DeLuca et al.	340/825.47
5,153,582	10/1992	Davis	340/825.44
5,168,493	12/1992	Nelson et al.	
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5,530,950	6/1996	Medan et al.	379/67

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[57] ABSTRACT

[21] Appl. No.: **08/775,900**

A communication system in which a multipart analog message (480) is generated by a controller (112) by including an analog part delimiter (440) between successive independent analog parts (420, 431, 432, 433). The multipart analog message (480) is positioned within a synchronous protocol, in which a digital code is included to identify the position of the multipart analog message (480). The synchronous protocol is transmitted by a radio transmitter (202) and received by a selective call receiver (122). The selective call receiver (122) digitally decodes the position of the multipart analog message (480) and begins recovery of the multipart analog message (480) at the position. The selective call receiver (122) recovers the part delimiters (440) and uses them to identify the independent analog parts (420, 431, 432, 433). One of the independent parts, which is a audible response, is selected by the user and used to generate a response.

[22] Filed: **Jan. 2, 1997**

[51] Int. Cl.⁶ **H04Q 7/14**

[52] U.S. Cl. **340/825.44**; 340/311.1; 340/825.48; 455/31.3

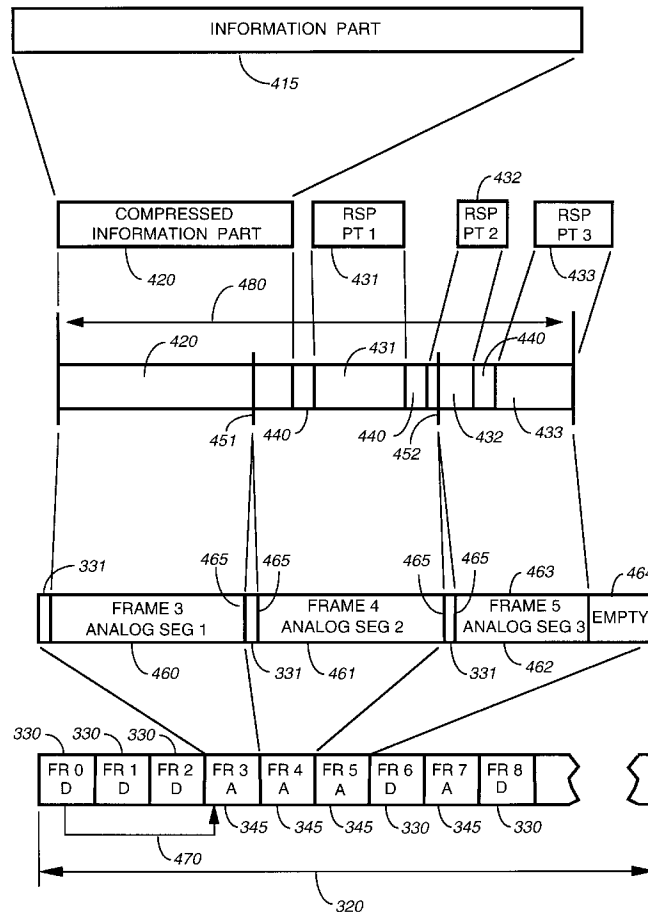
[58] **Field of Search** 340/825.44, 825.47, 340/825.48, 825.54, 825.08, 311.1; 379/67; 455/31.3, 38.2, 38.5, 458; 370/313, 314

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19 Claims, 7 Drawing Sheets



Anple Exhibit 1004

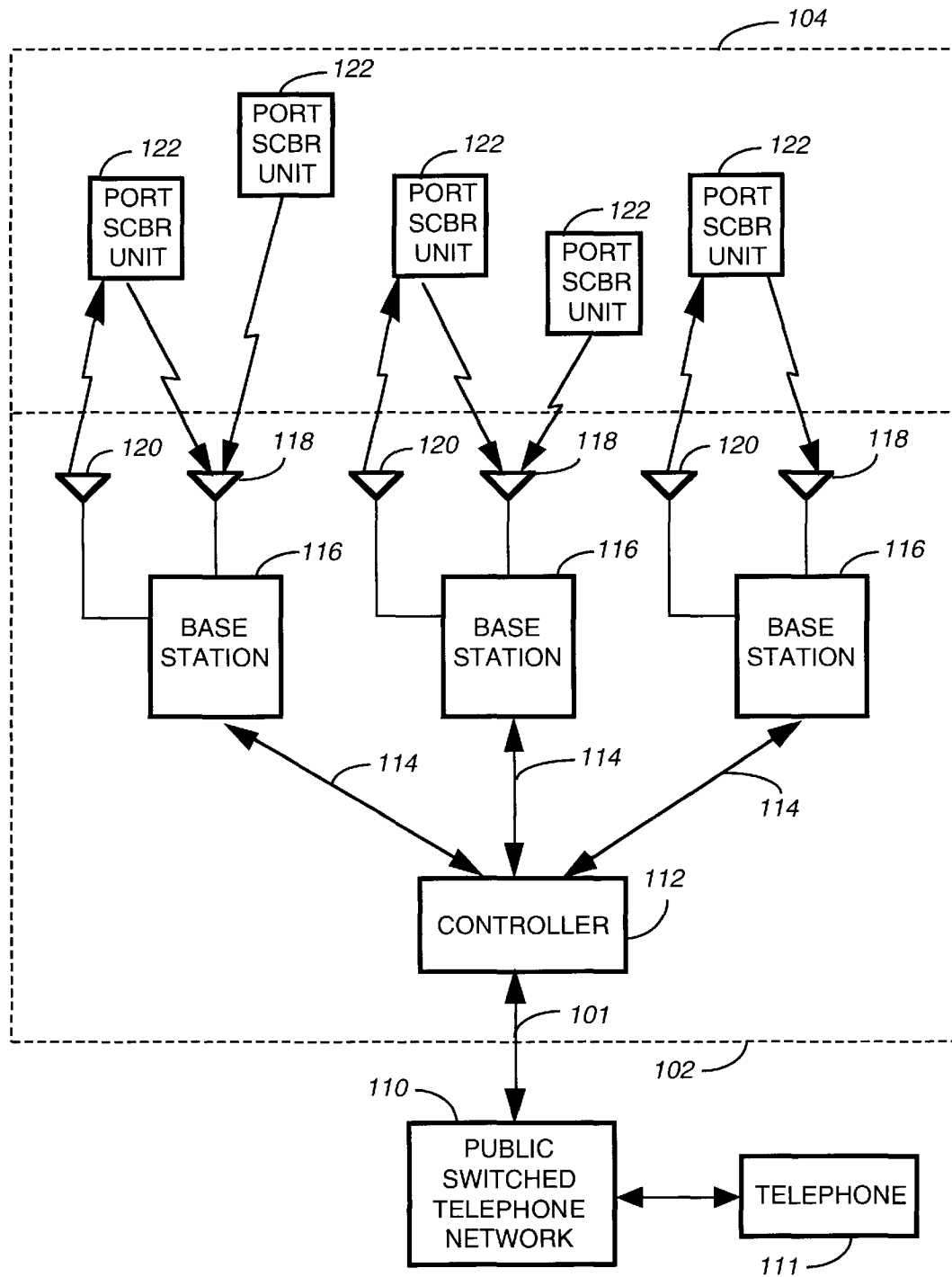


FIG. 1

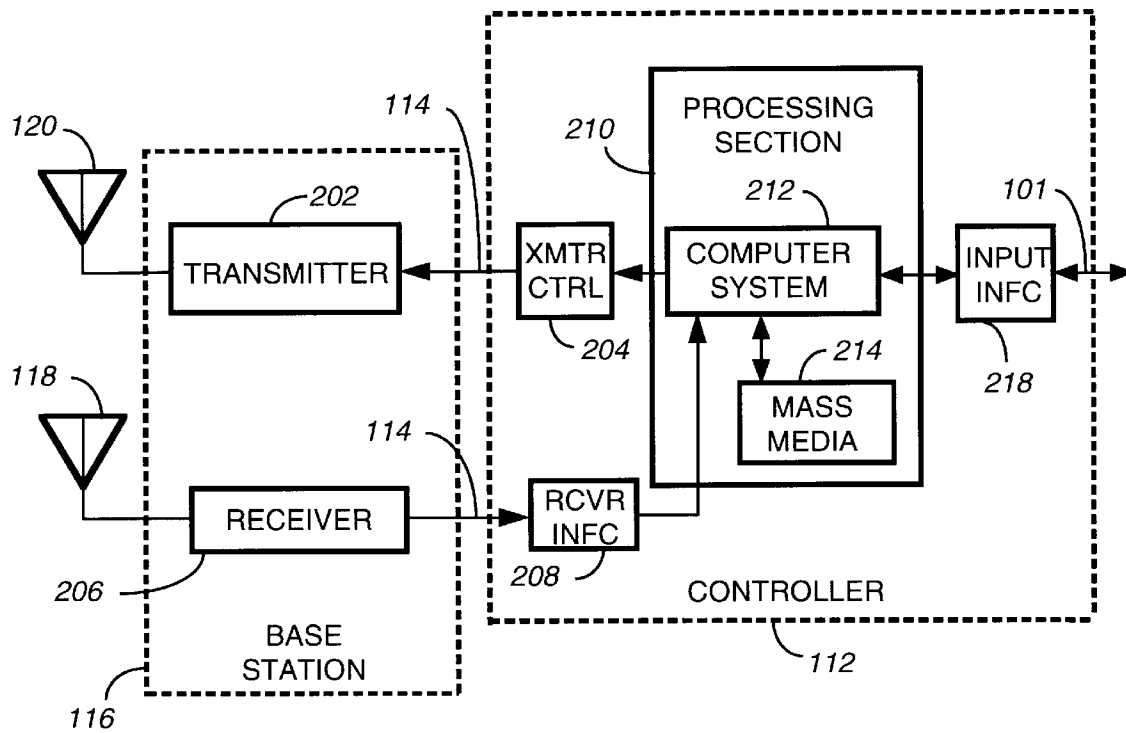


FIG. 2

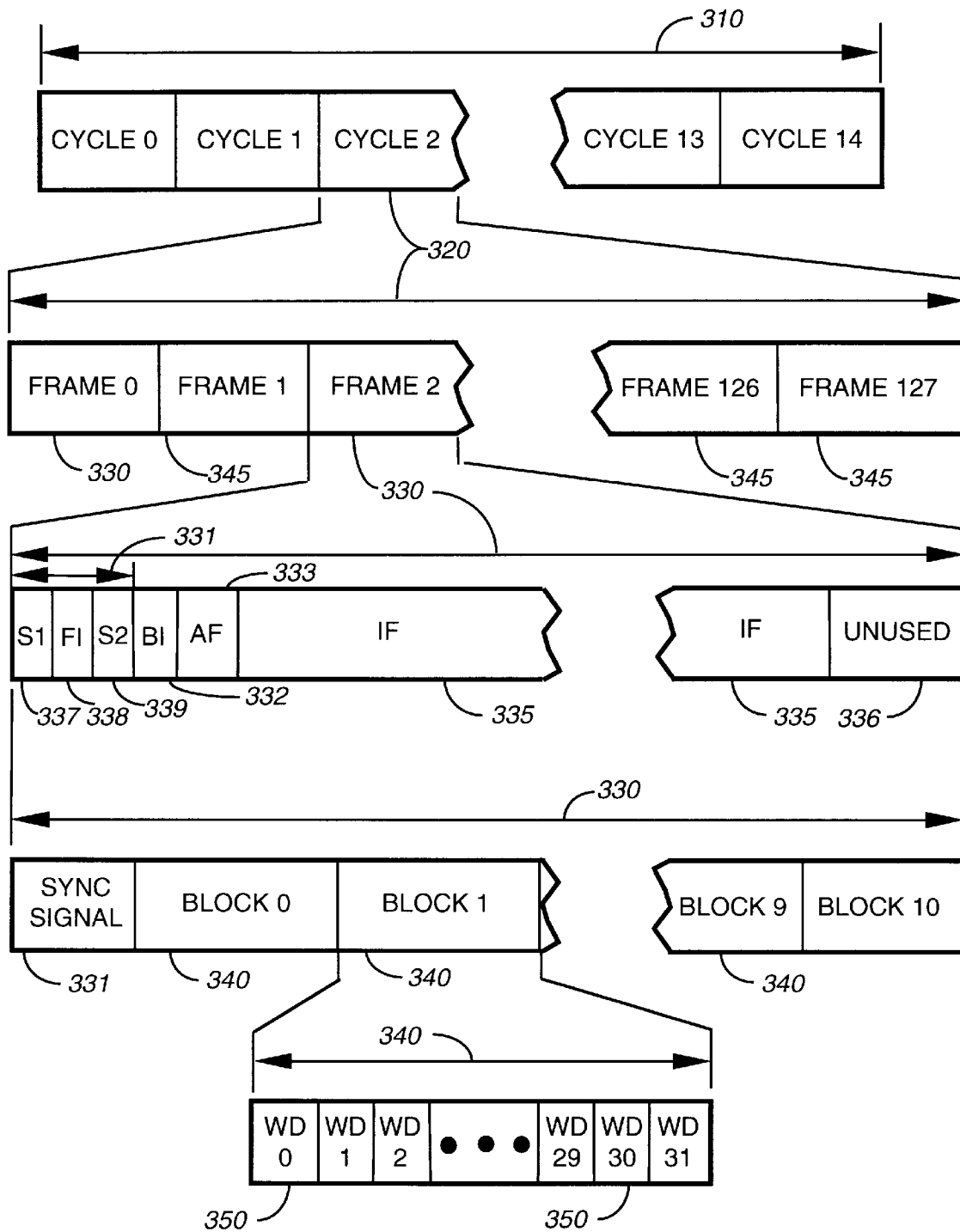


FIG. 3

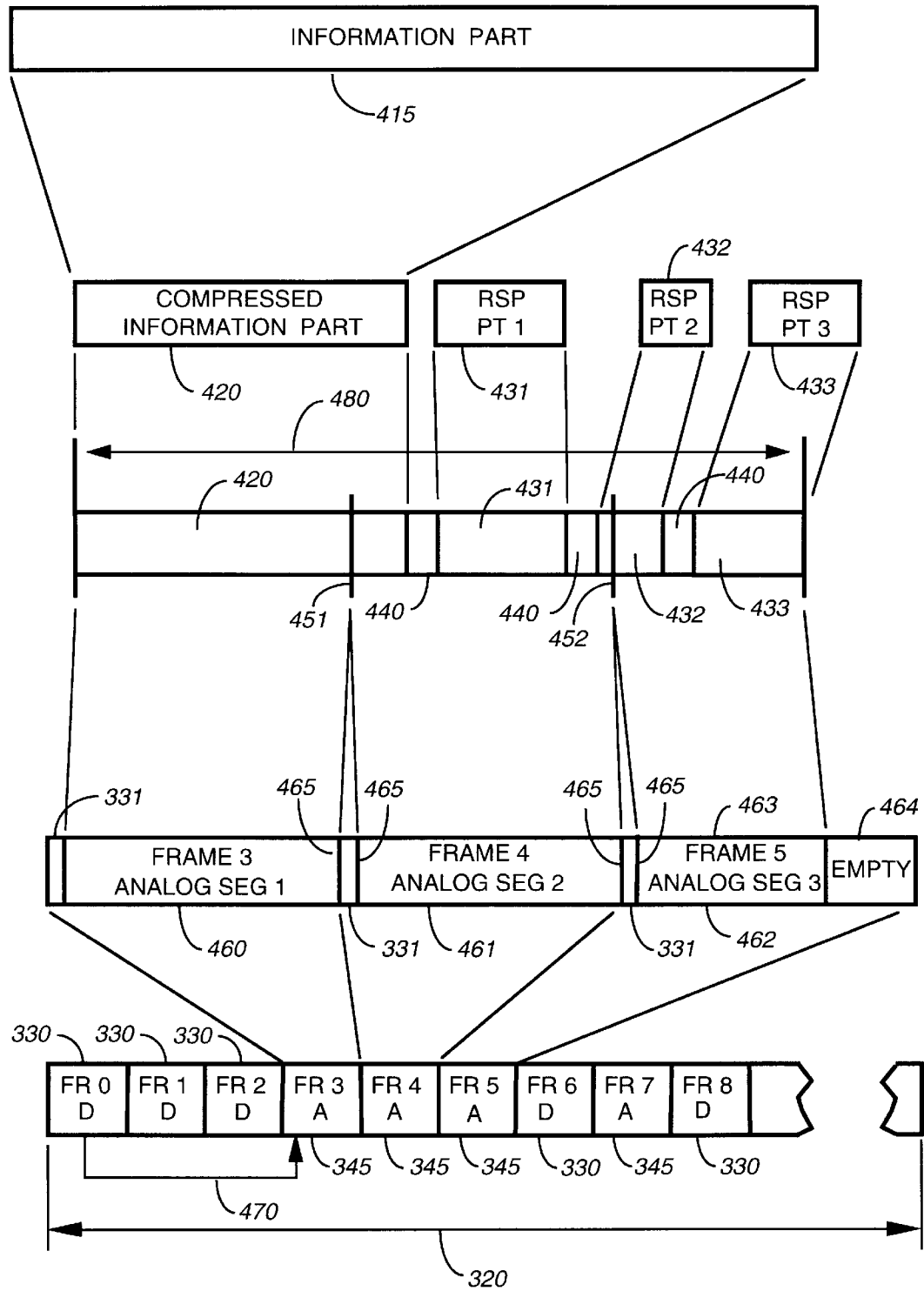


FIG. 4

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