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# United States Patent [19]

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Goetz et al.

[45] Date of Patent: **Sep. 21, 1999**

[54] **MULTIMEDIA FILE, SUPPORTING MULTIPLE INSTANCES OF MEDIA TYPES, AND METHOD FOR FORMING SAME**

5,737,595 4/1998 Cohen et al. .... 707/100  
5,768,527 6/1998 Zhu et al. .... 395/200.61  
5,774,583 6/1998 Sasaki et al. .... 382/190

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### OTHER PUBLICATIONS

RealMedia Overview, "The First Open Multimedia Streaming Platform," <http://www.realuadio.com/> or e-mail [radinfo@prognnet.com](mailto:radinfo@prognnet.com); copyright © Progressive Networks, 1996.

[73] Assignee: **Motorola, Inc.**, Schaumburg, Ill.

RealMedia, "Technical White Paper," <http://www.realuadio.com/> or e-mail [radinfo@prognnet.com](mailto:radinfo@prognnet.com); copyright © Progressive Networks, 1996.

[21] Appl. No.: **08/711,696**

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Attorney, Agent, or Firm—**Peter M. Dichiaro**; **Jeffrey T. Klayman**

[22] Filed: **Sep. 6, 1996**

[51] Int. Cl.<sup>6</sup> ..... **G06F 17/30**

[52] U.S. Cl. .... **707/104**; 707/102; 707/103

[58] Field of Search ..... 707/102–104,  
707/200, 1

### [57] ABSTRACT

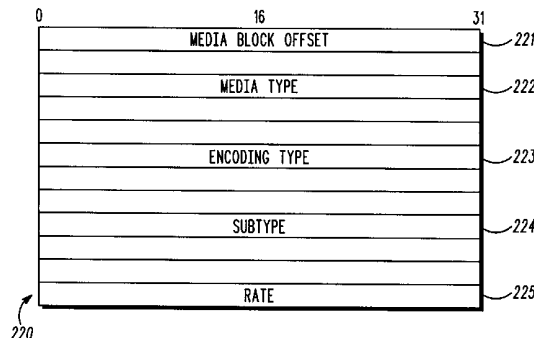
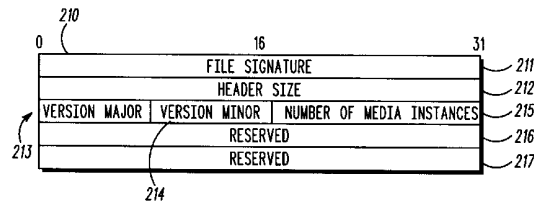
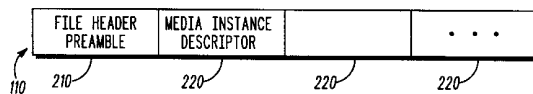
### [56] References Cited

#### U.S. PATENT DOCUMENTS

5,333,299	7/1994	Koval et al. ....	395/650
5,339,413	8/1994	Koval et al. ....	395/550
5,487,167	1/1996	Dinallo et al. ....	395/650
5,504,892	4/1996	Atsatt et al. ....	707/103
5,574,898	11/1996	LeBlang et al. ....	707/1
5,574,905	12/1996	de Carmo ....	707/1
5,586,255	12/1996	Tanaka et al. ....	395/200.53
5,608,859	3/1997	Taguchi ....	345/302
5,644,766	7/1997	Coy et al. ....	707/204
5,664,182	9/1997	Nierenberg et al. ....	707/102
5,694,334	12/1997	Donahue et al. ....	395/200.77
5,696,500	12/1997	Diem ....	340/825.44
5,701,465	12/1997	Baughner et al. ....	707/10
5,732,256	3/1998	Smith ....	707/1

A multimedia file and method for forming the same organize instances of multimedia information according to media information type (e.g., audio, video, MIDI, etc.), encoding format, media subtype, and encoding rate. Several instances of the same media information type are included, each of such instances having a different encoding format, media subtype, and/or encoding rate. A presentation application utilizes the subject multimedia file to identify, select, and present specific instances of the multimedia information, permitting the presentation application to customize a multimedia presentation based on, among other things, the rate of the connection from the presentation application to the presentation consumer and the decoding capabilities of the presentation consumer.

**31 Claims, 8 Drawing Sheets**



RPX Exhibit 1041  
RPX DAE

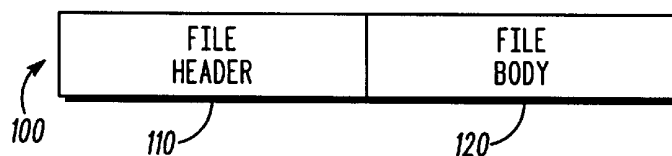


FIG. 1

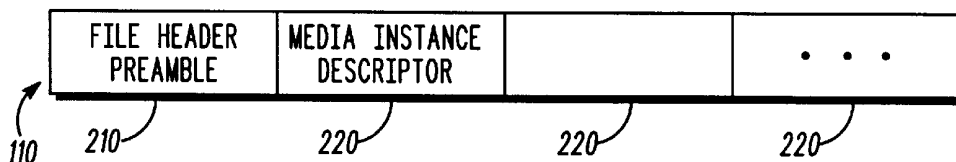


FIG. 2A

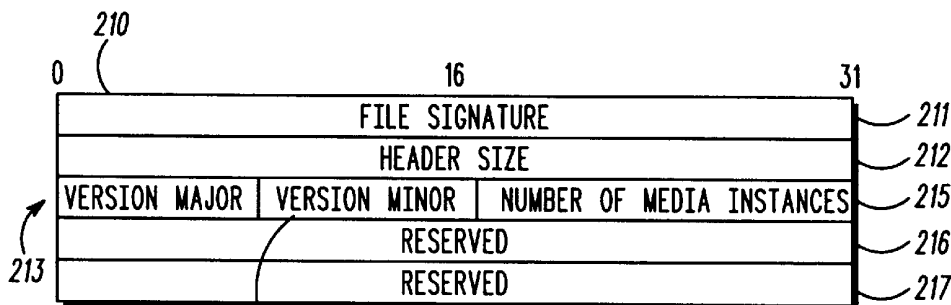


FIG. 2B

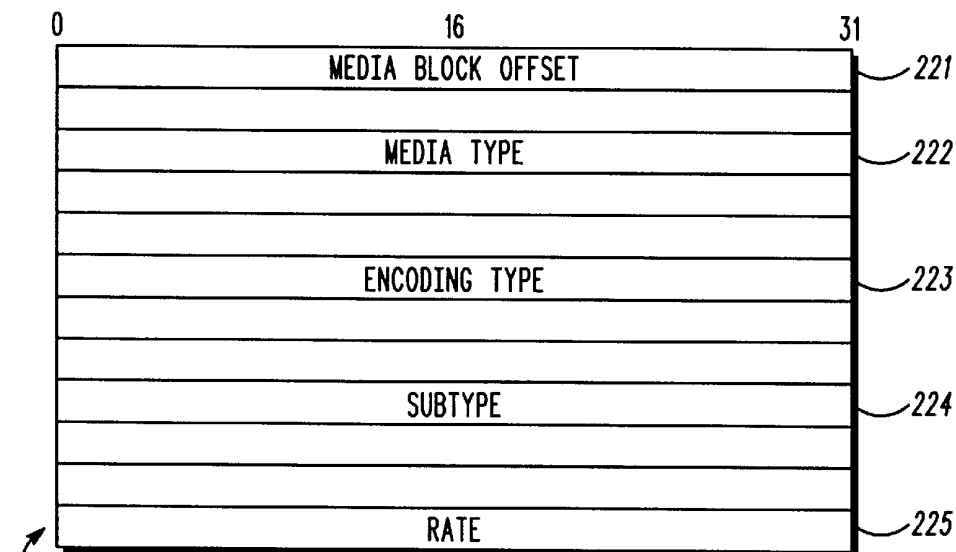
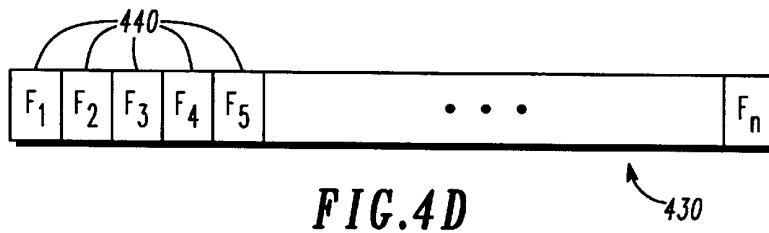
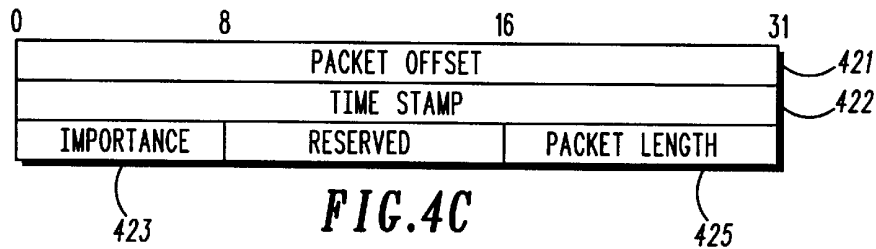
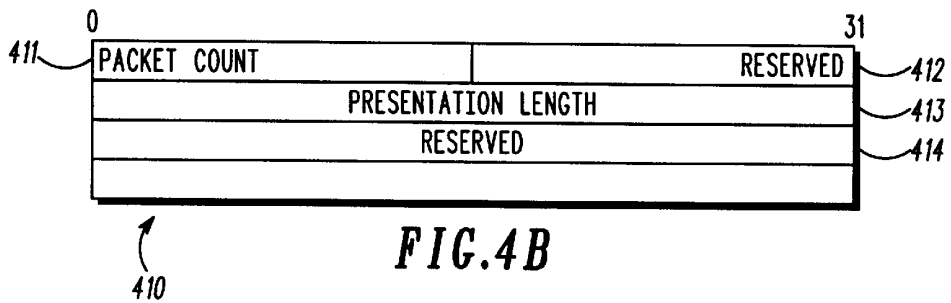
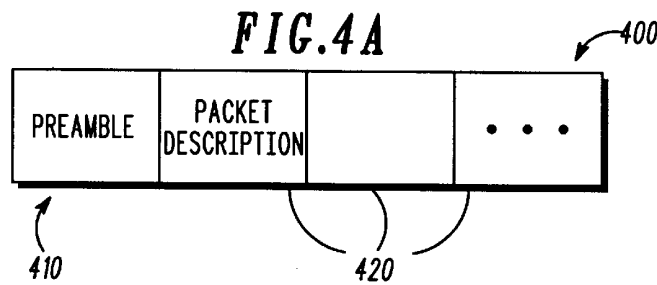
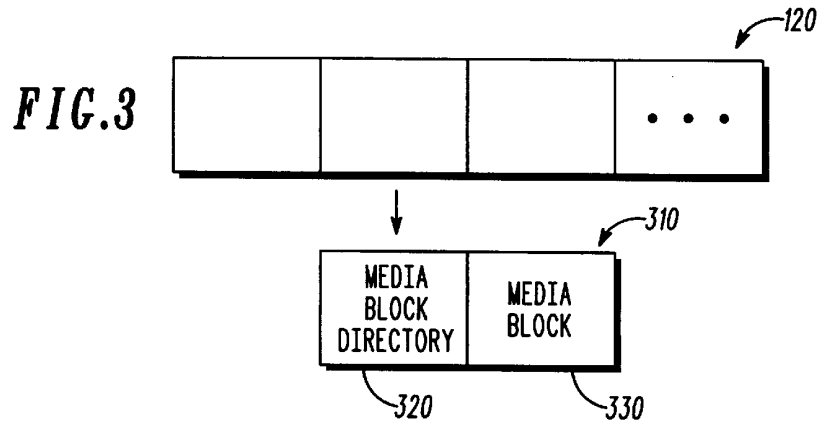
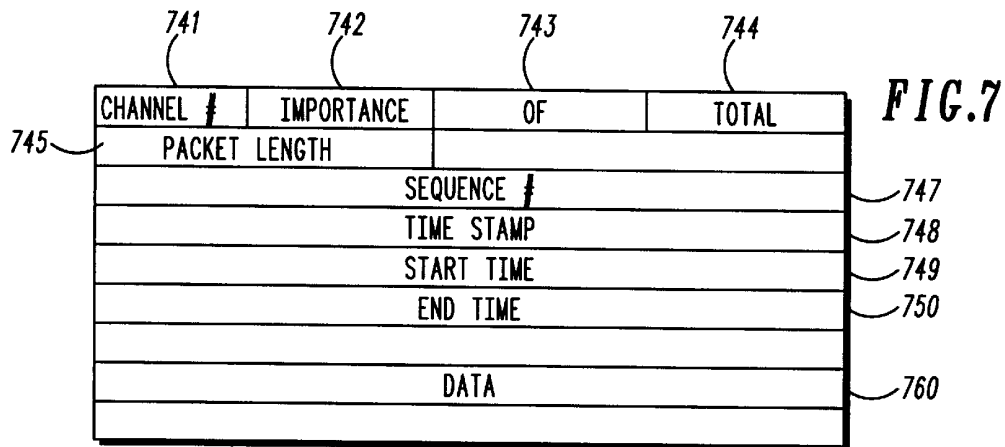
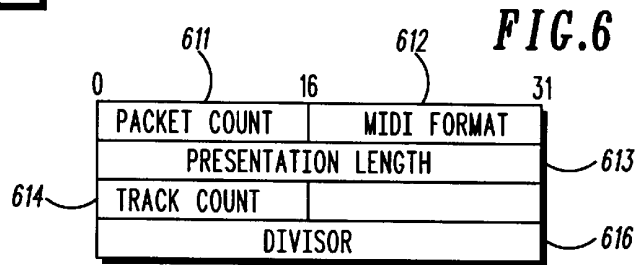
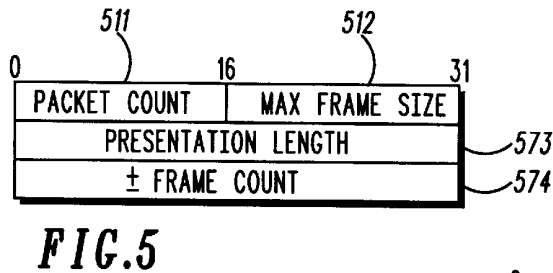
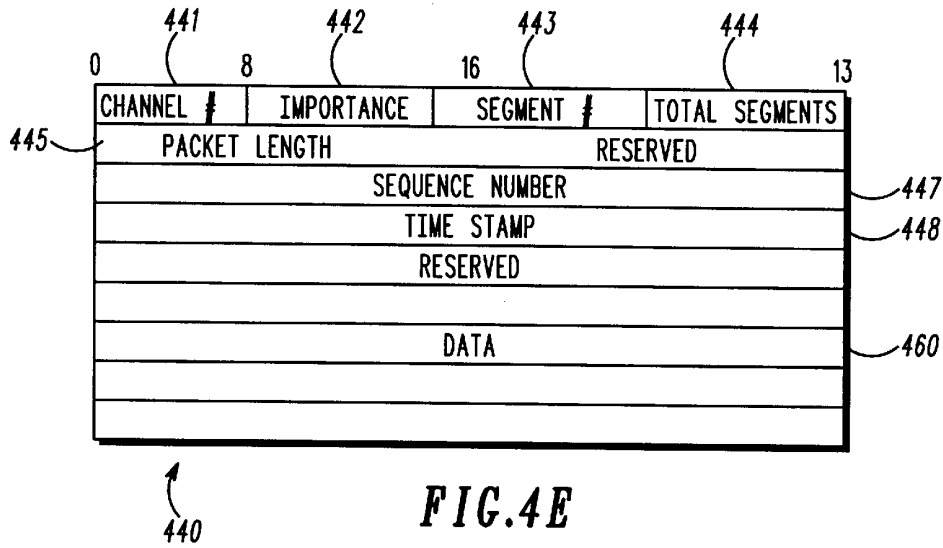


FIG. 2C





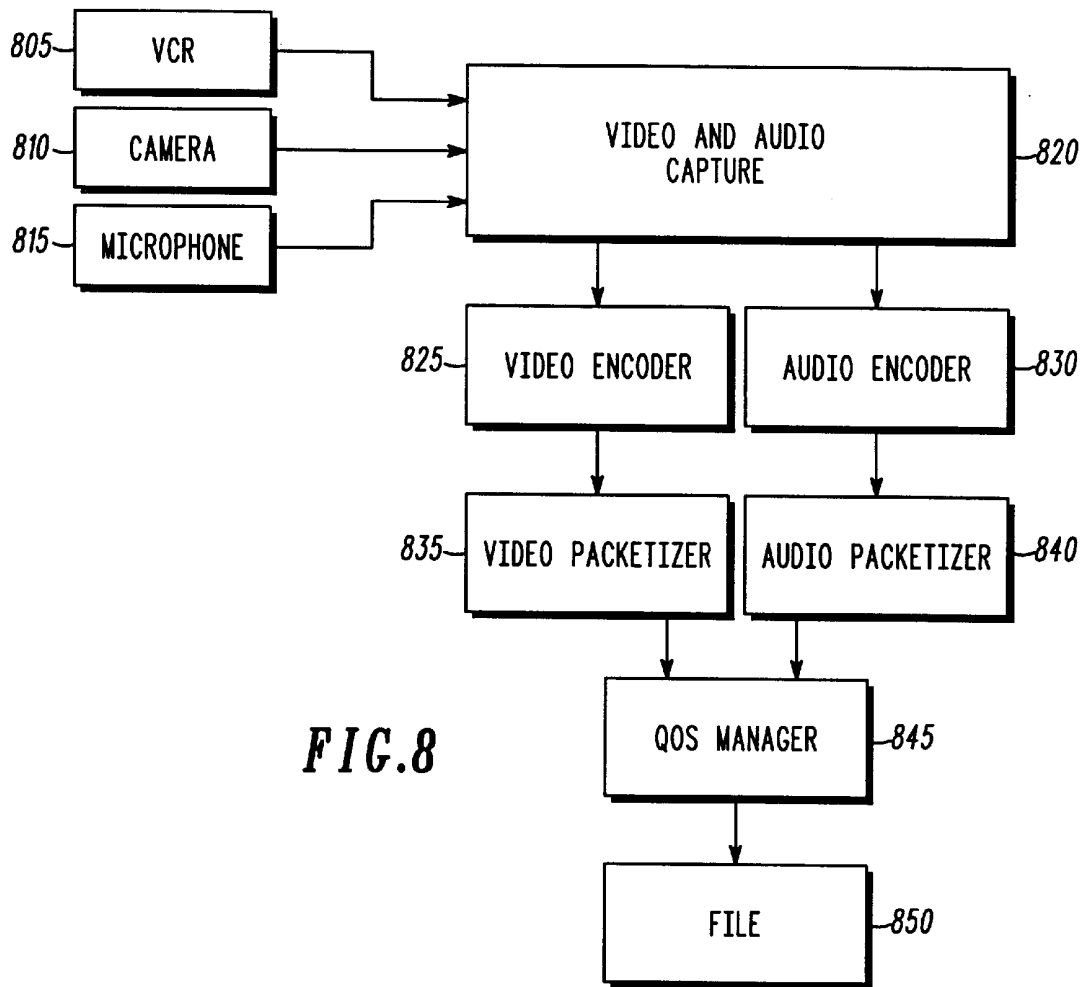


FIG. 8

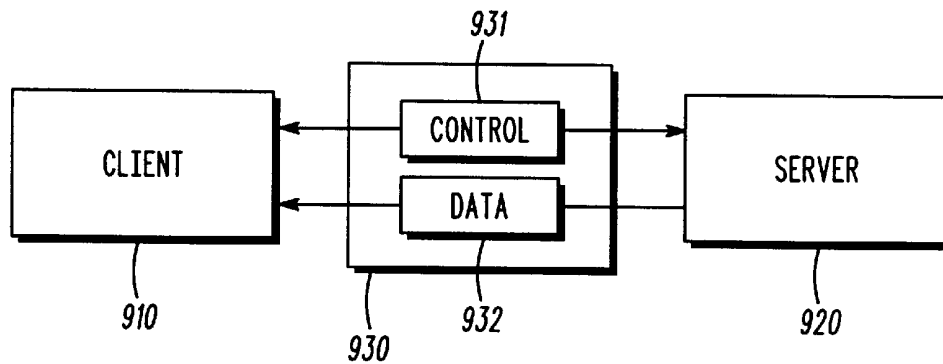


FIG. 9

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