

United States Patent [19]

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Lewis

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- [54] **INTERACTIVE SYSTEM FOR A CLOSED CABLE NETWORK**
- [75] Inventor: **Scott W. Lewis**, Saratoga, Calif.
- [73] Assignee: **Multimedia Systems Corporation**, San Jose, Calif.
- [21] Appl. No.: **400,245**
- [22] Filed: **Mar. 3, 1995**
- [51] Int. Cl.⁶ **H04N 7/14; H04N 7/18; H04N 7/00**
- [52] U.S. Cl. **348/8; 348/12; 348/13; 455/5.1; 455/6.3**
- [58] **Field of Search** **348/6, 8, 12, 13, 348/14, 15, 3, 5; 455/5.1, 6.1, 6.3; H04N 7/14, 7/15, 7/173, 7/116, 7/18**

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Primary Examiner—John K. Peng
Assistant Examiner—John W. Miller
Attorney, Agent, or Firm—Benman Collins & Sawyer

[57] **ABSTRACT**

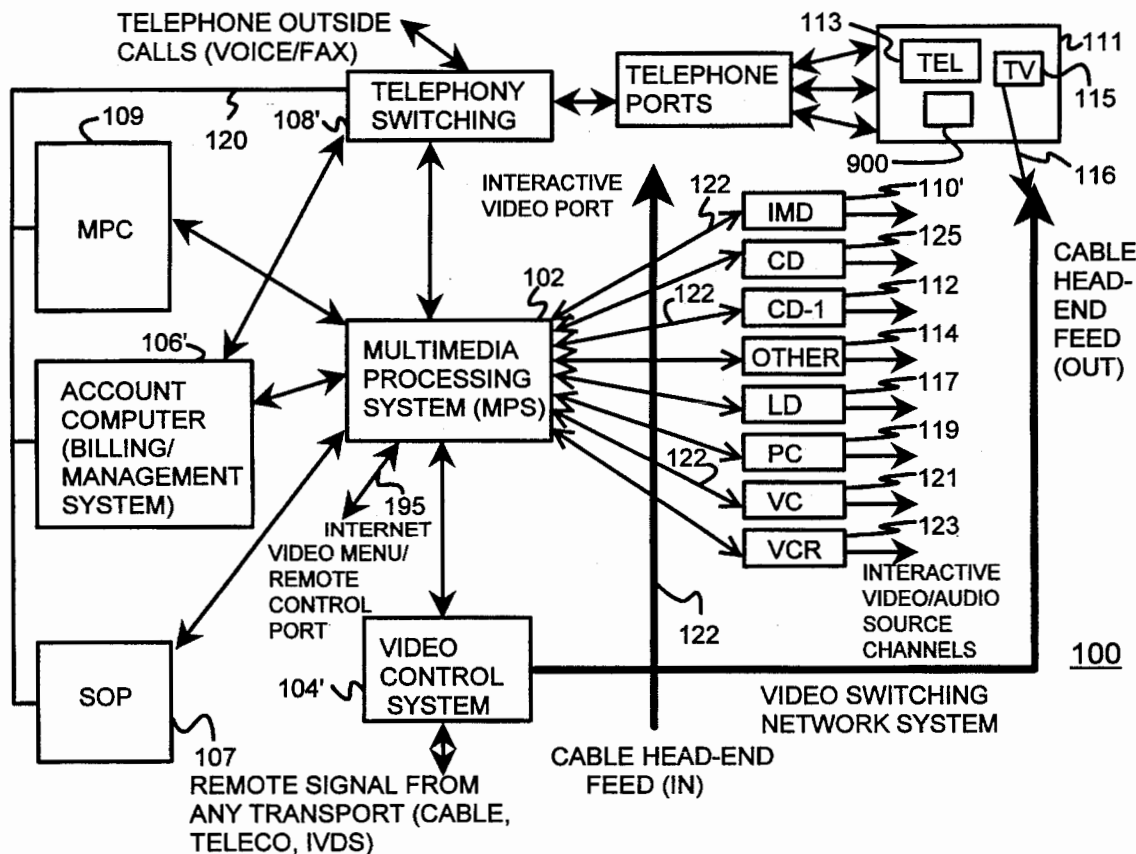
A system is provided that enhances the interactivity of multimedia information in a closed cable network such as a hotel system or the like. The system includes a multimedia processing system, a telephone switching system, a video control system, a service operations platform, and a plurality of interactive devices. This system has the advantage of providing compression and/or transmission algorithms to maximize enhancement of the multimedia information. The system allows for enhanced interactivity within a closed cable system with minimum modification to the existing network.

[56] **References Cited**

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14 Claims, 27 Drawing Sheets



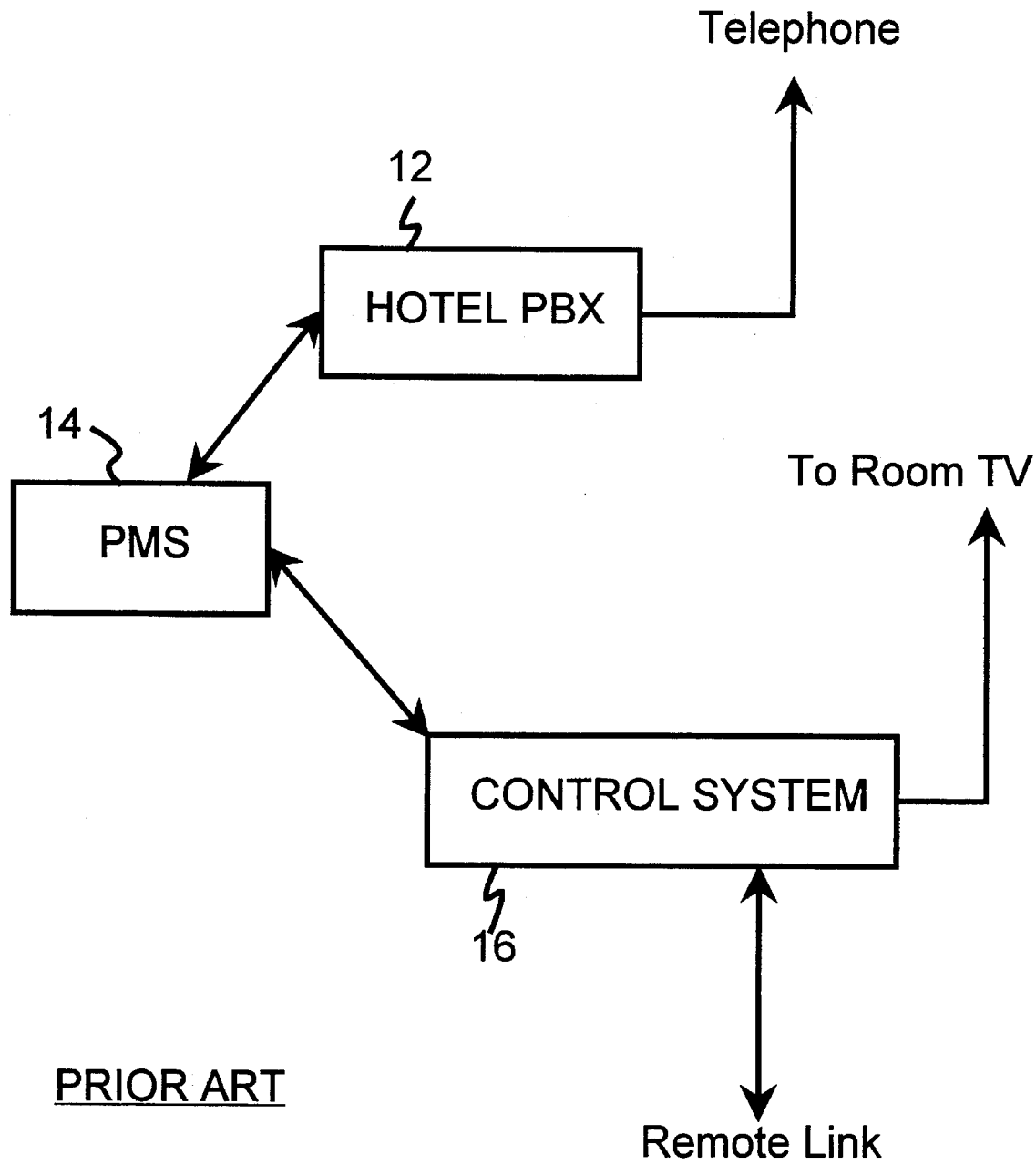


FIGURE 1

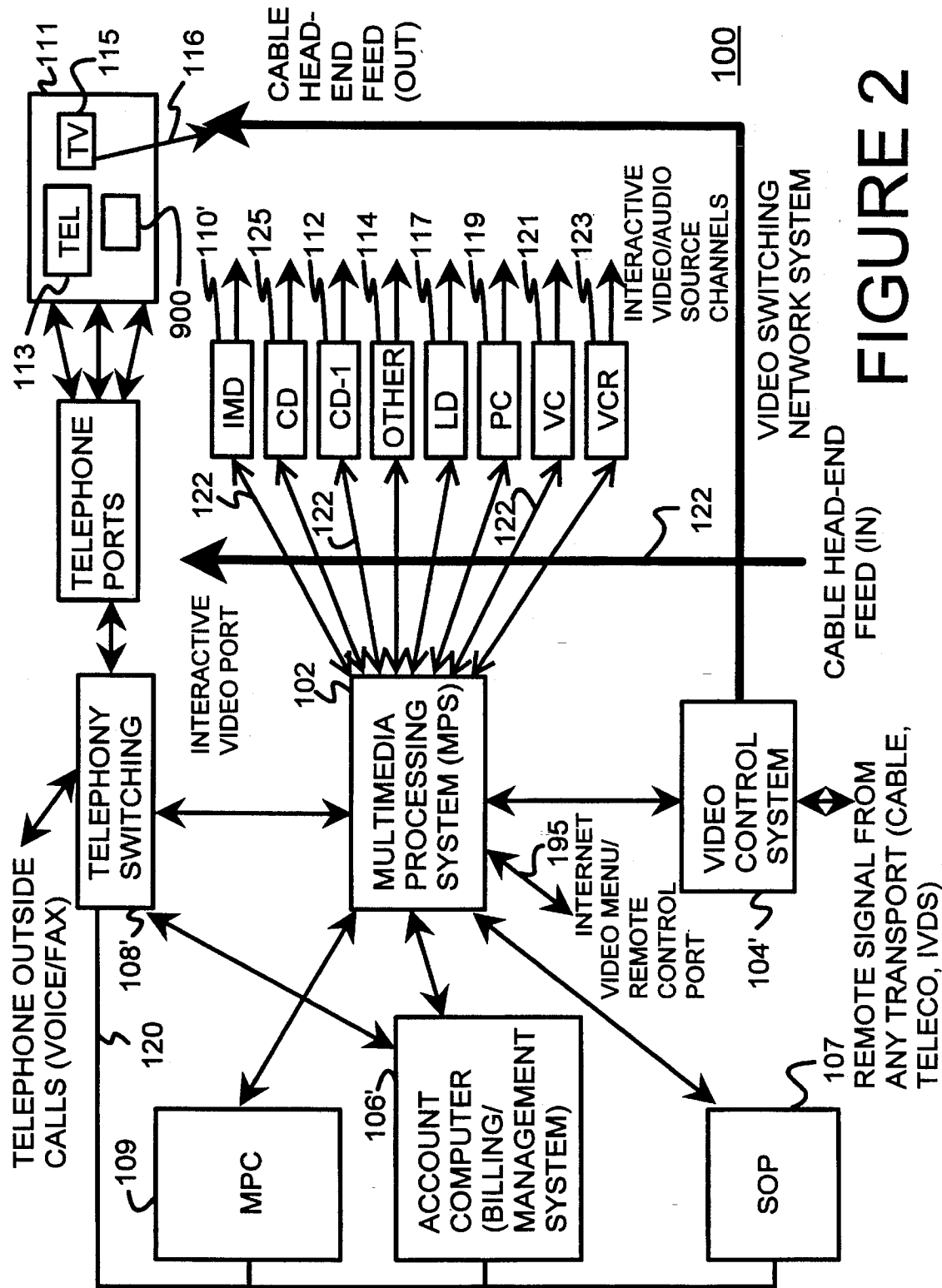


FIGURE 2

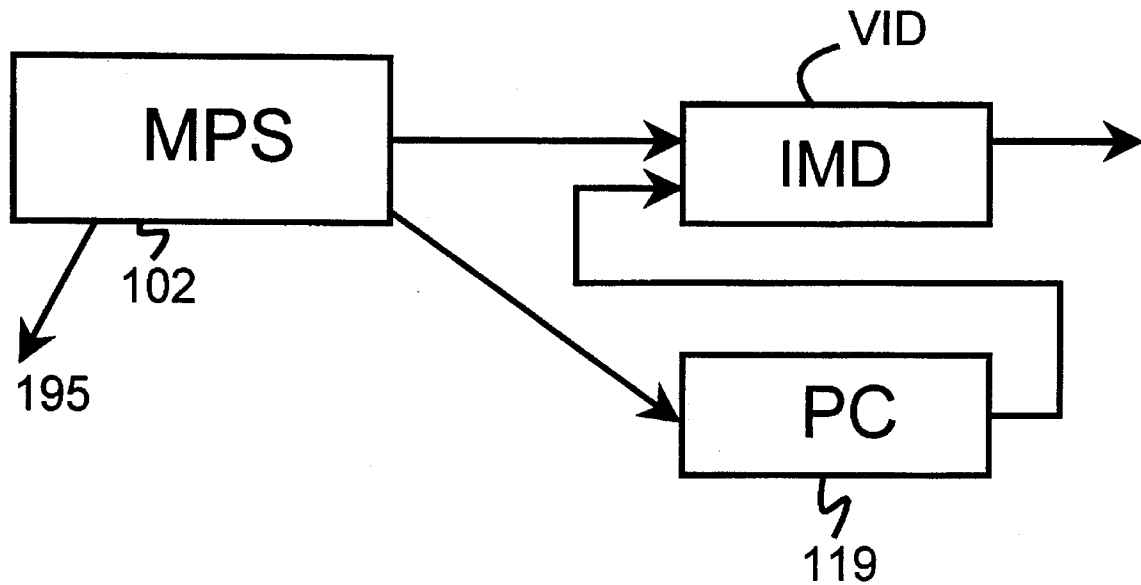


FIGURE 2A

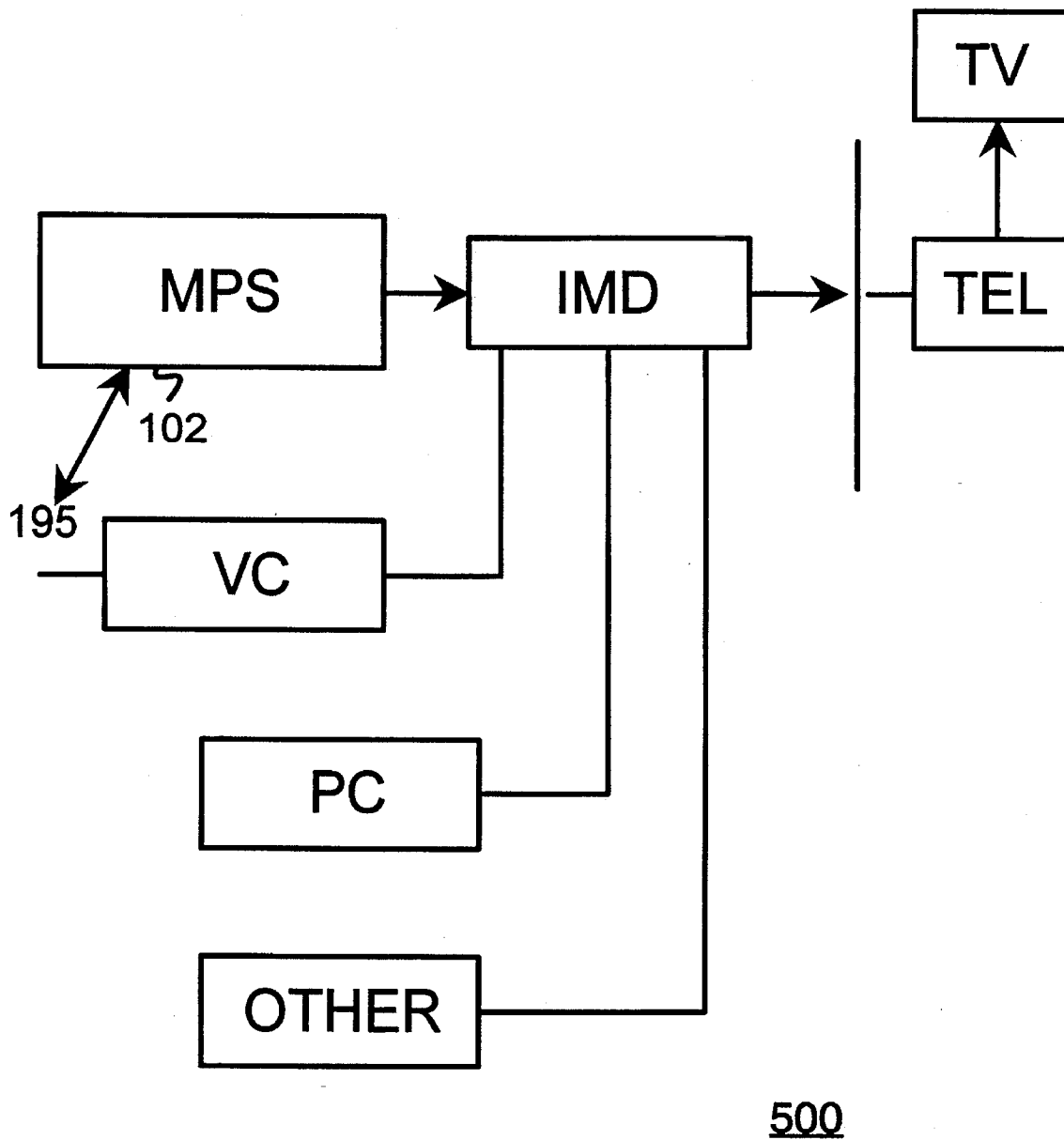


FIGURE 2B

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