



[54] **DECODER FOR COMPRESSED AND MULTIPLEXED VIDEO AND AUDIO DATA**

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[73] Assignee: **Hitachi, Ltd.**, Tokyo, Japan

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[21] Appl. No.: **08/622,622**

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[22] Filed: **Mar. 27, 1996**

van den Hurk, et al, "A Concept for Source Decoding in Digital Video Broadcast Applications", *Int'l Conference on Consumer Electronics—Digest of Techni Papers*, Jun. 7-9, 1995, Conf. No. 14, IEEE, pp. 260-261.

[30] **Foreign Application Priority Data**

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[51] **Int. Cl.⁶** **H04N 7/12**

[52] **U.S. Cl.** **370/464**; 348/423; 348/10

[58] **Field of Search** 348/423, 467, 348/385, 382, 7, 10, 714; 370/389, 464, 522, 503, 428, 457, 509, 535, 536, 537

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ABSTRACT

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An apparatus for filtering TS packets multiplexed with a plurality of programs and sending the filtered packets to decoders. A packet landing buffer is provided in a RAM used for a microprocessor for system control. After a channel is selected, the microprocessor filters video and audio data and performs a value added service process.

38 Claims, 23 Drawing Sheets

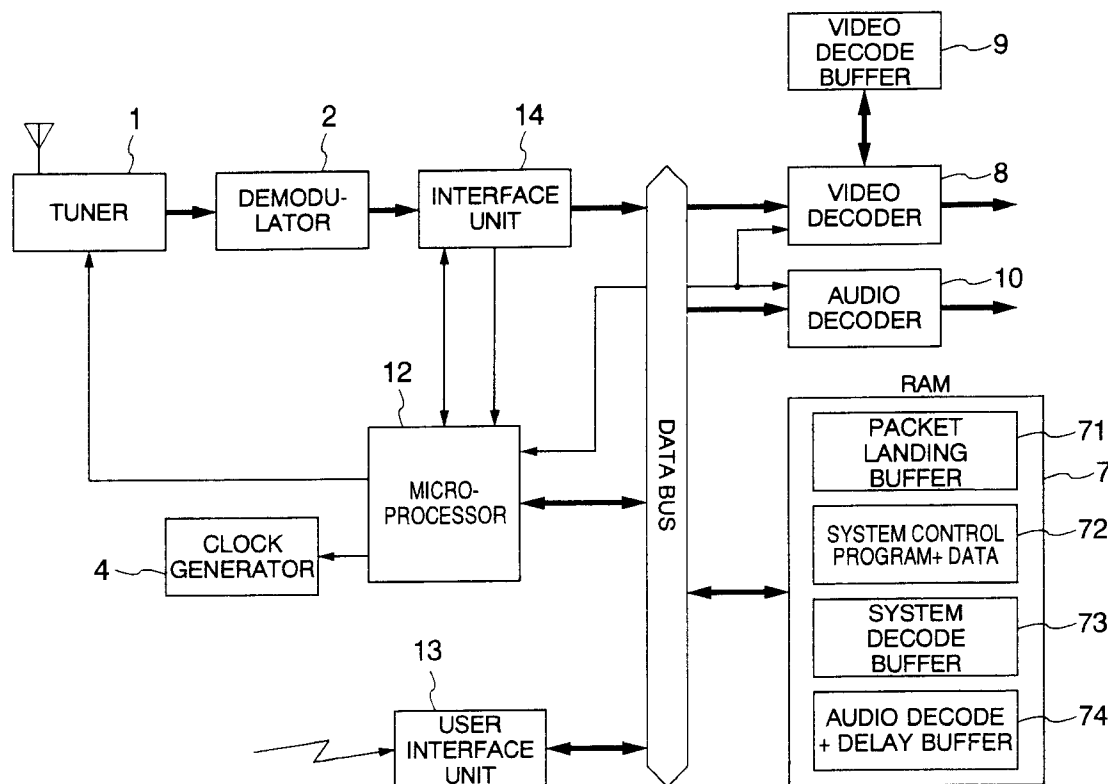


FIG. 1

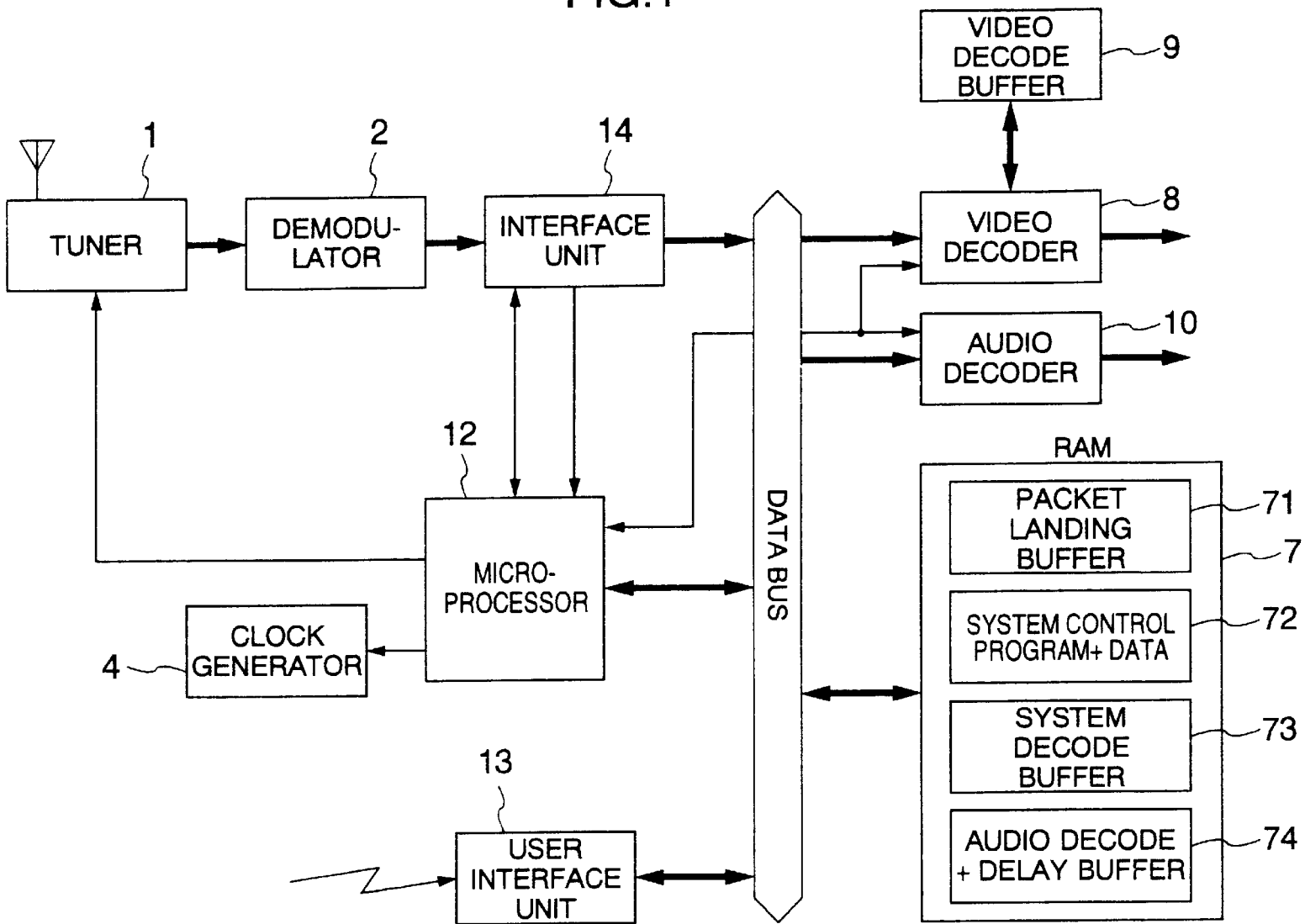


FIG.2

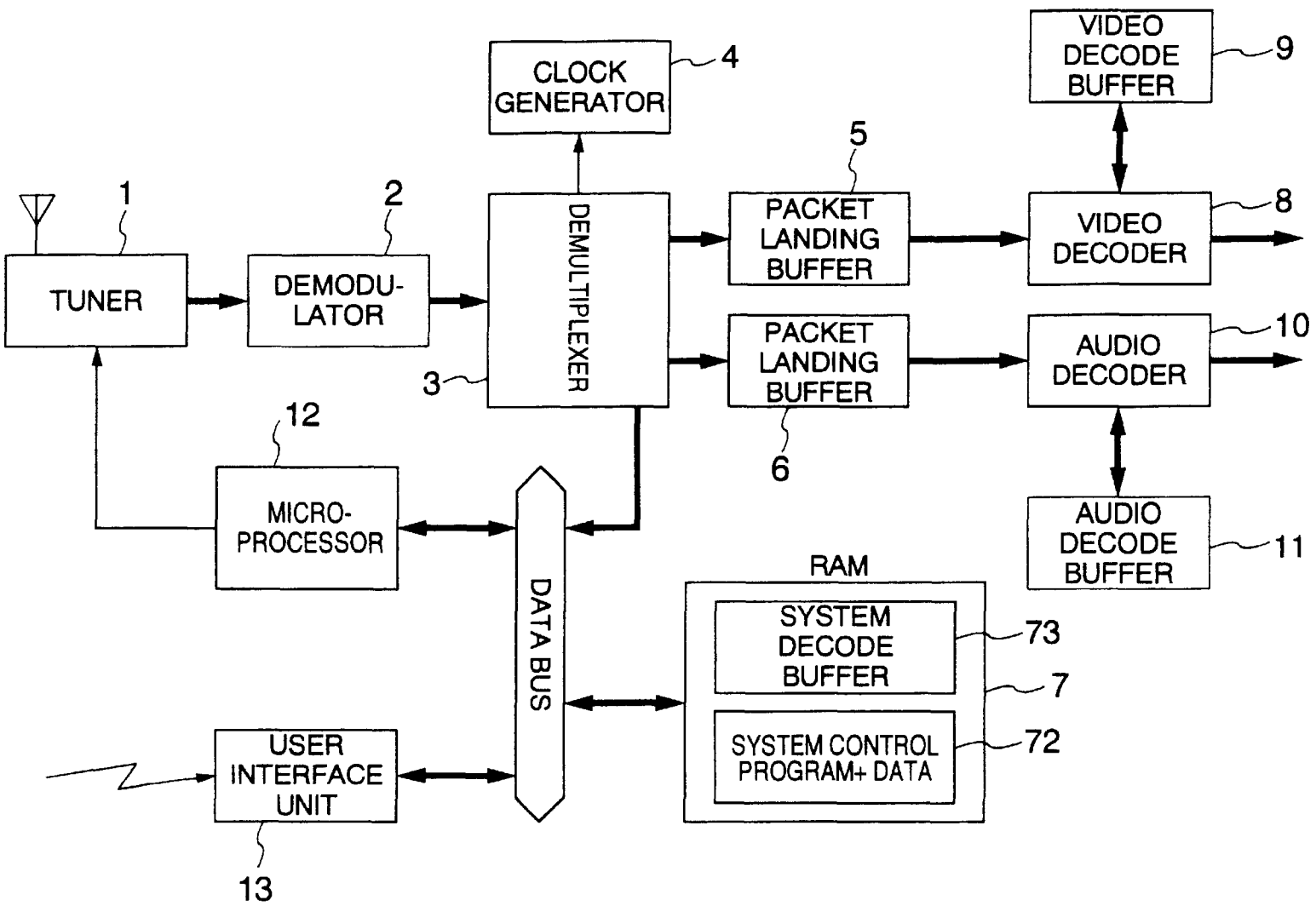


FIG.3A

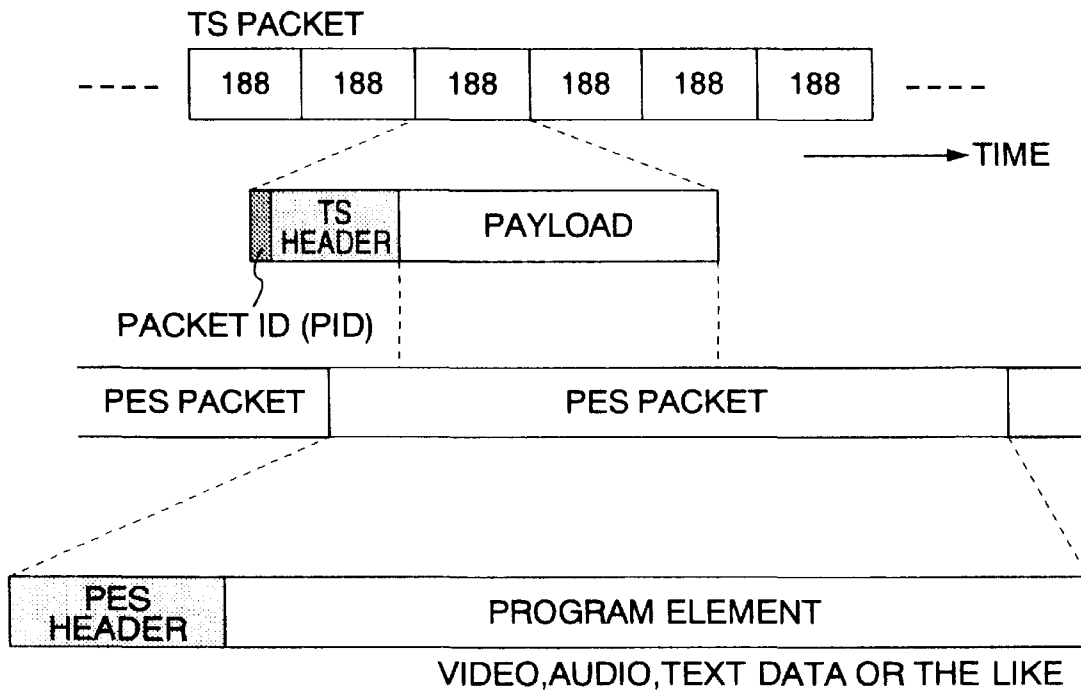


FIG.3B

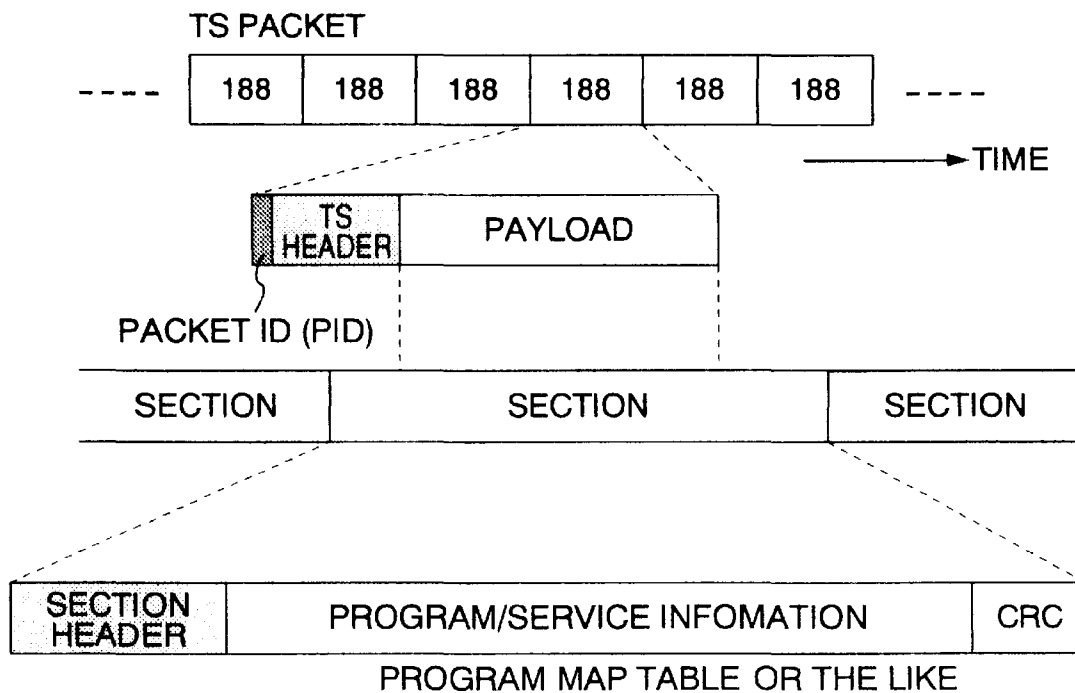
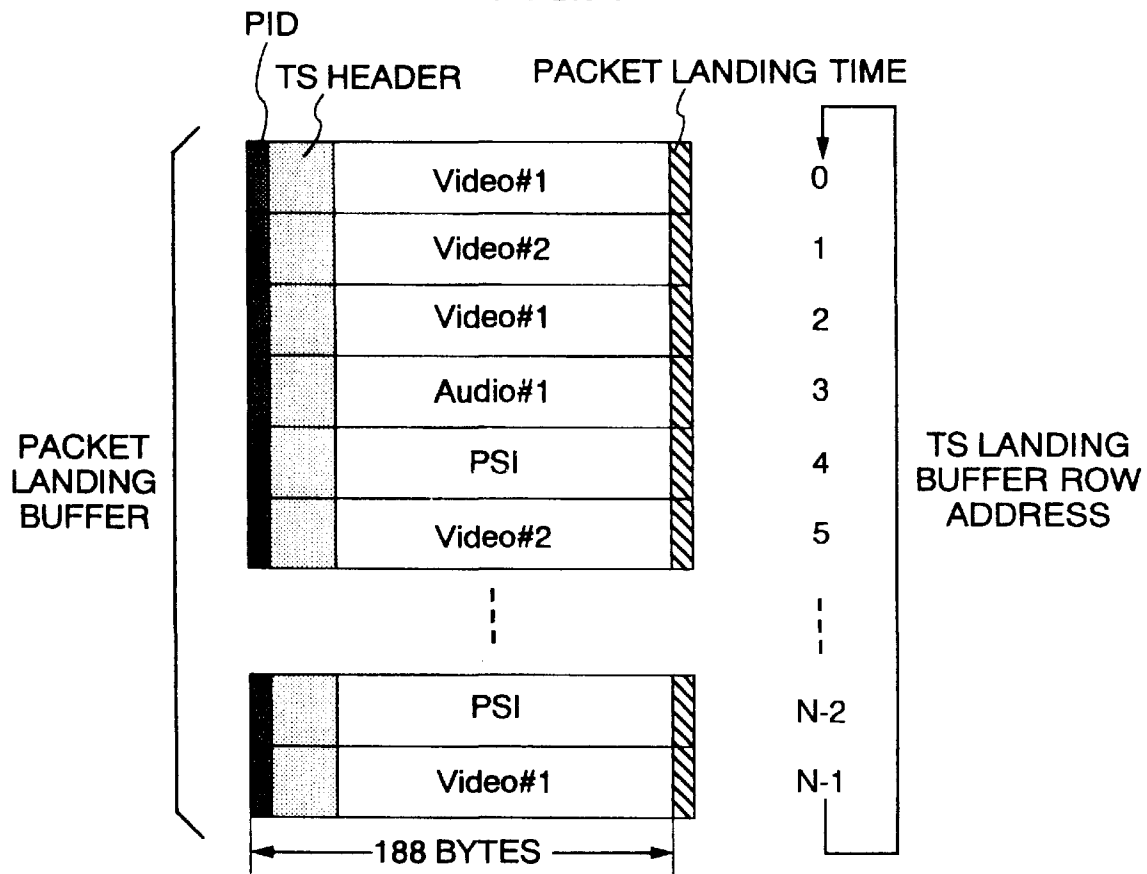


FIG. 4



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