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(12) United States Patent

Hatanaka et al.

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(54)	DIGITAL SIGNAL RECORDING DEVICES,
	DIGITAL SIGNAL RECORDING/ PLAYBACK
	DEVICES, AND DIGITAL SIGNAL
	RECEIVING/RECORDING/PLAYBACK
	DEVICES

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U.S.C. 154(b) by 0 days.

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(30) Foreign Application Priority Data

Sep. 9, 1997	(JP)		9-243667
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(51) Int. Cl.⁷ H04N 5/91

542, 510, 705, 706, 521, 522; H04N 5/91

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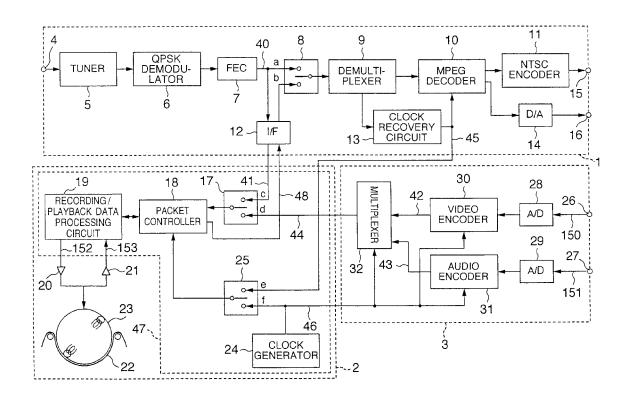
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Primary Examiner—Vincent F. Boccio (74) Attorney, Agent, or Firm—Antonelli, Terry, Stout & Kraus, LLP

(57) ABSTRACT

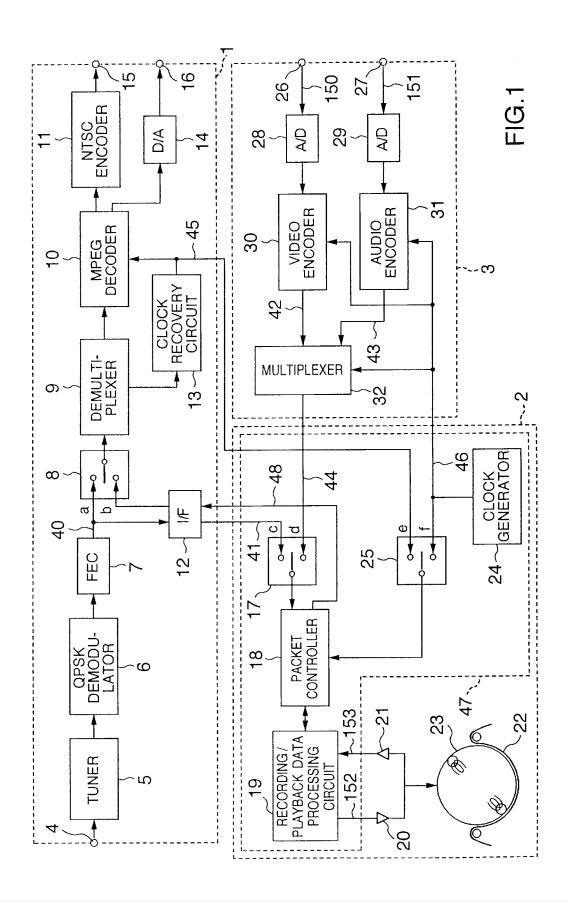
In a recording device, a recording and playback device and a receiving, recording and playback device in a system for receiving, recording and playing back a digital signal, a digital signal recording and playing back device having the function of converting an analog television signal to a digital television signal, and recording and reproducing the digital signal includes A/D converters for an analog video signal and an analog audio signal, encoders for compressing the analog video and audio signals, encoders for compressing the video and audio signals, a multiplexer for multiplexing the compressed video and audio signals, and a selector for selecting one of a received digital signal and the compressed multiplexed signal.

3 Claims, 9 Drawing Sheets

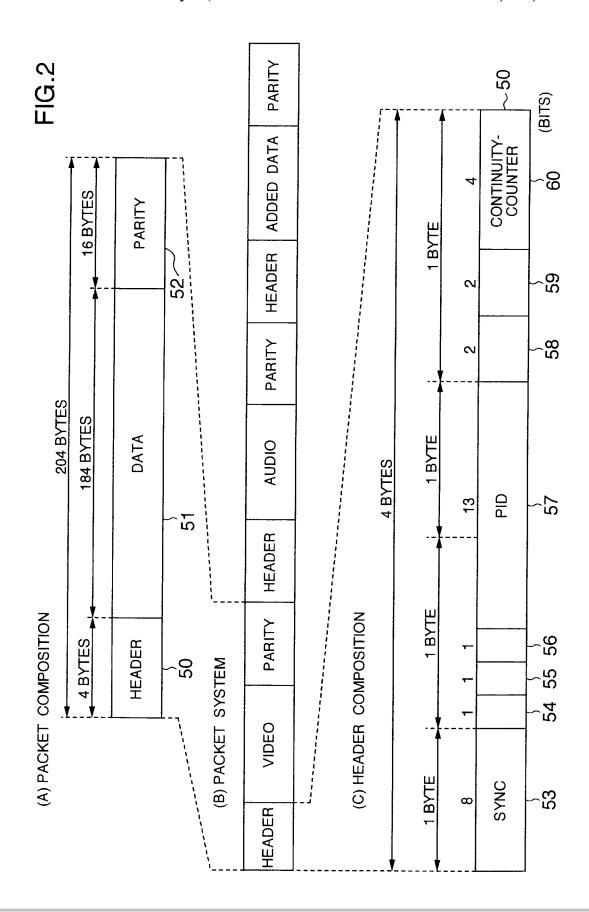




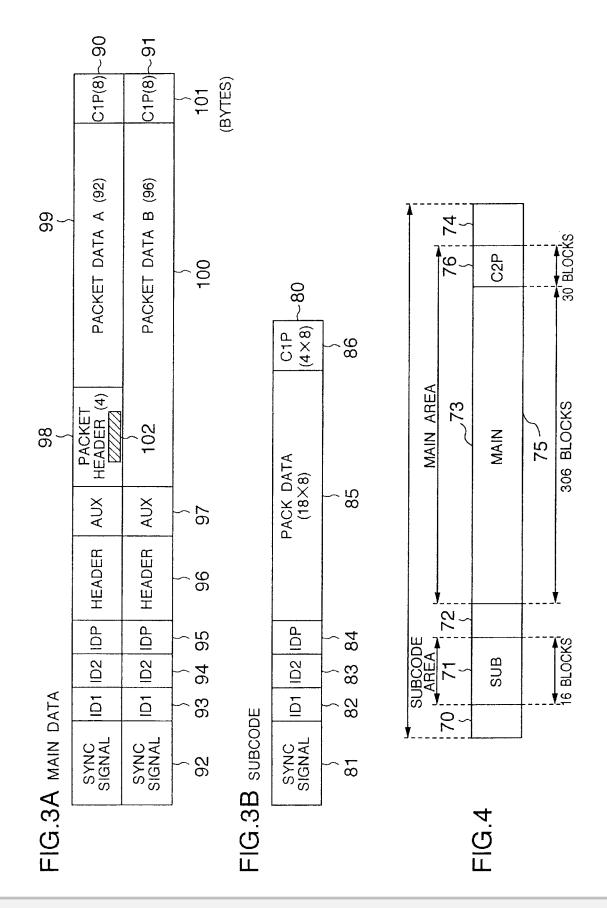
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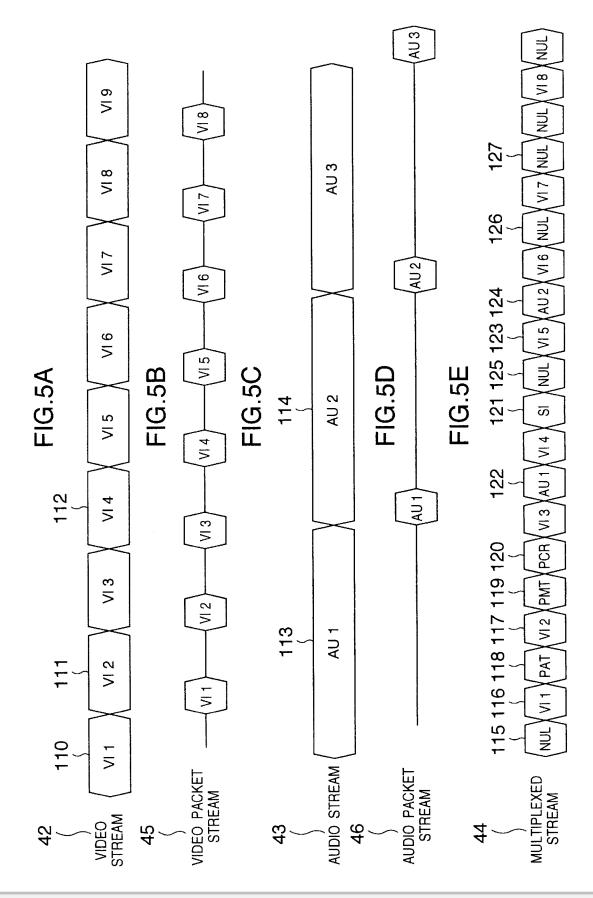








May 28, 2002





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