

## United States Patent [19]

### Artieri

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[21]	Appl. No.	: 247,9	996			
[22]	Filed:	May	24, 199	4		
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May Oct.	27, 1993 29, 1993	[FR]	France			93 06612 93 13293
[51]	Int. Cl.6			H041	7/30; F	104N 7/32
[52]						
[58]	Field of S	earch			348	
		2010	0.20	SMALK CER.		

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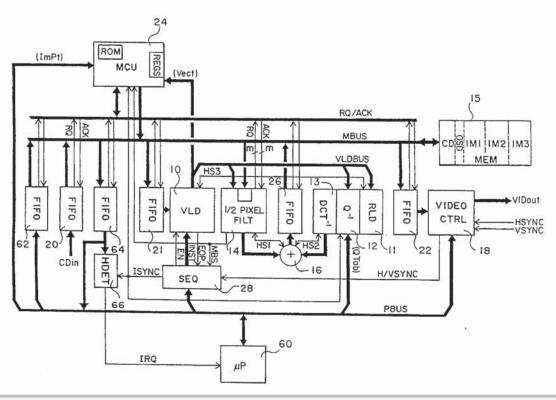
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Primary Examiner—Tommy P. Chin Assistant Examiner—Vu Le Attorney, Agent, or Firm—David M. Driscoll; James H. Morris; Brett N. Dorny

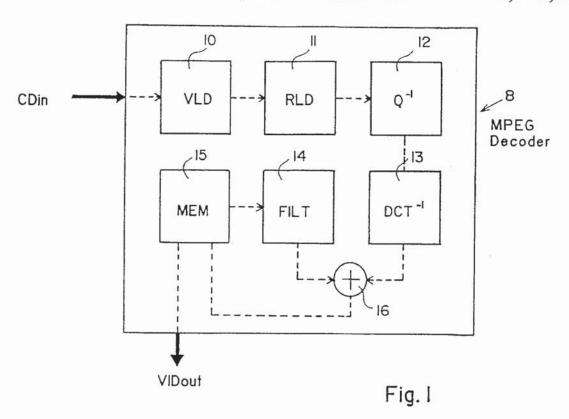
### [57] ABSTRACT

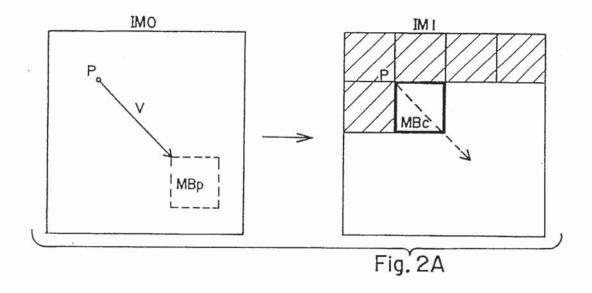
A system that processes compressed data arriving in packets corresponding to picture blocks, the packets being separated by headers containing decoding parameters of the packets. A memory bus is controlled by a memory controller to exchange data between the processing elements and a picture memory. A pipeline circuit contains a plurality of processing elements. A parameter bus provides packets to be processed to the pipeline circuit, as well as the decoding parameters to elements of the system. The parameter bus is controlled by a variable length decoder that receives the compressed data from the memory bus and that extracts the packets and the decoding parameters therefrom.

### 13 Claims, 7 Drawing Sheets









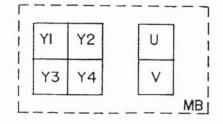
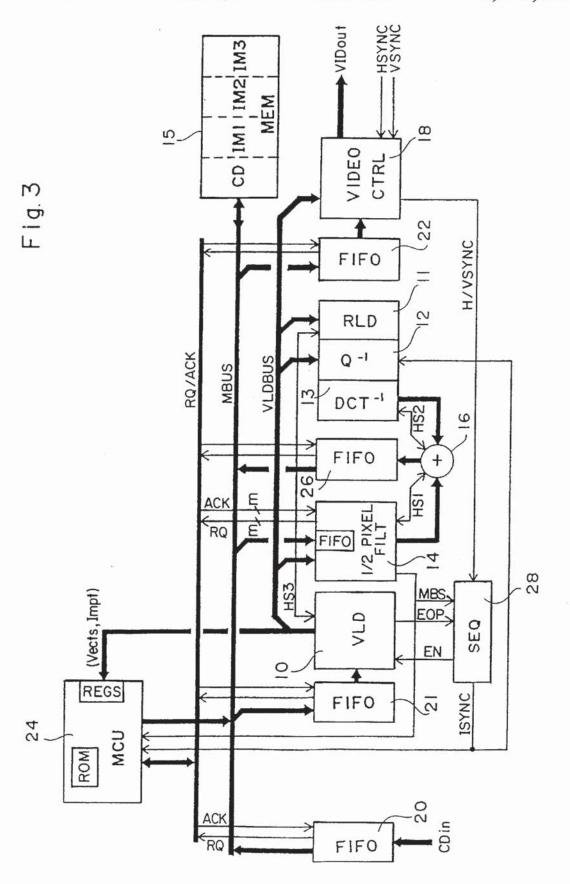
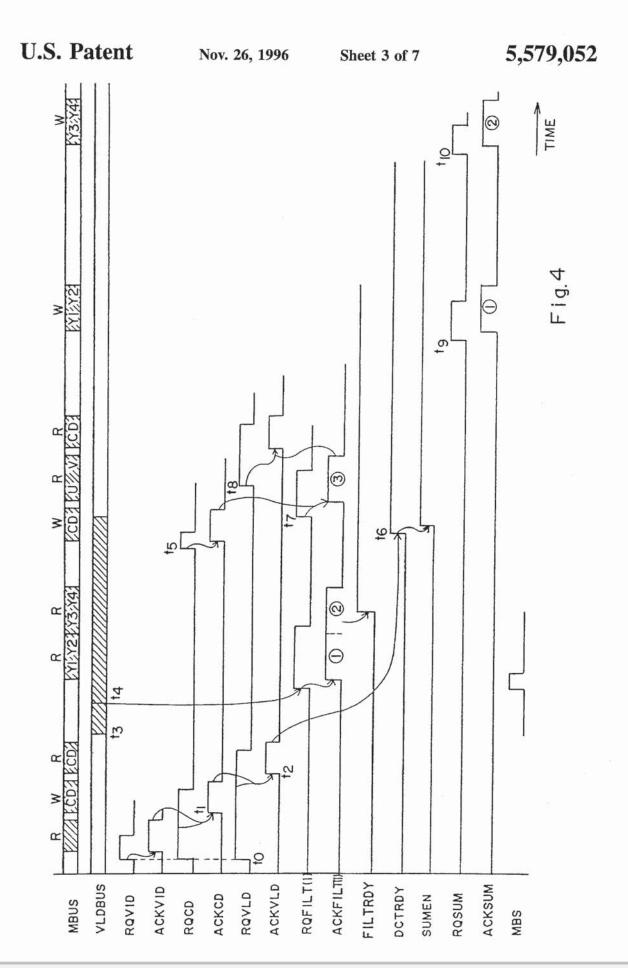
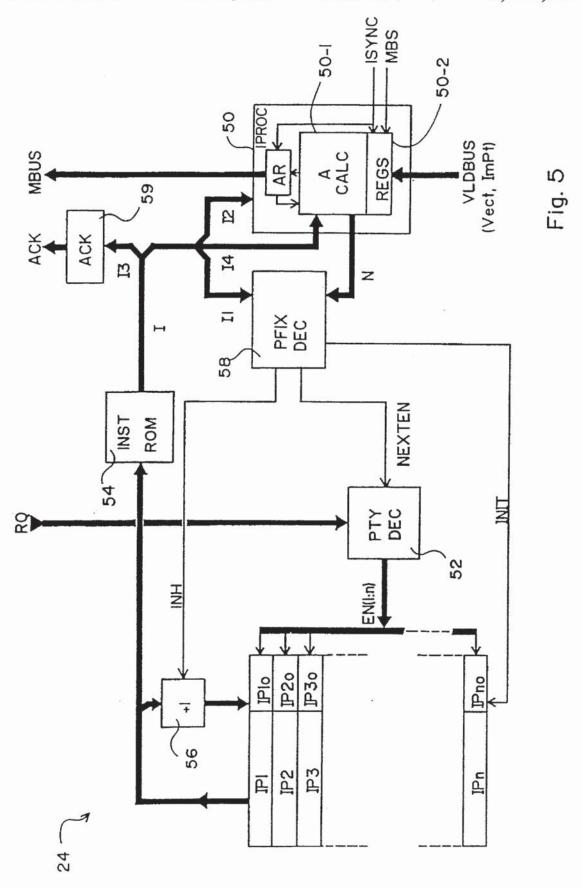


Fig. 2B







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