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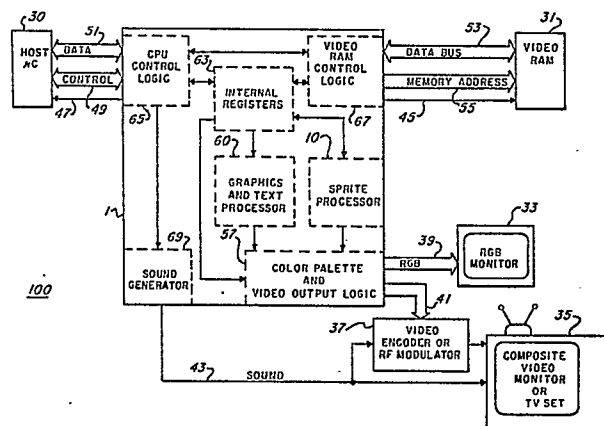
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Sprite collision detector.

A sprite collision detector includes the combination (1) of a video processor including a color palette for processing of data, a memory (31) for storing of data to be processed, a monitor (33) and (35) for displaying of the processed data, a processor (30) for controlling the transfer of data from the memory (30) to the monitor (33) and (35). The video processor (1) includes a control logic (65) for controlling the transfer of data and instructions between the processor (30) and the video processor (1); a memory control logic (67) for controlling, in response to the instructions from the processor (1), the transfer of data from the memory (31); sprite processor (10) for converting data to color data and to provide the color data for images displayed by the monitor (33) and (35); register (63) for arranging data from the memory (31) in a predetermined order and to apply the data according to the prearranged order to the sprite processor (10); and video output logic (57) for converting the color data to a video signal to which the monitor (33) and (35) will respond to provide a display of a predetermined pattern and of a predetermined color.



EP 0 165 665 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y,D	US-A-4 296 476 (MAYER et al.) * Column 36, line 15 - column 37, line 3; column 14, lines 31-43; claims 1,5 *	1-6	G 09 G 1/16 G 09 G 1/28
Y,D	US-A-4 243 984 (ACKLEY et al.) * Column 14, lines 29-44; claim 1; column 20, lines 36-53; column 7, line 67 - column 8, line 53; column 6, line 50 - column 7, line 39 *	1,2,4,5	
Y	EP-A-0 061 213 (N.V. PHILIPS' GLOEILAMPENFABRIEKEN) * Claim 1 *	3,6	
A,D	US-A-4 119 955 (NICHOLS, III) * Claim 1; column 9, line 67 - column 10, line 27 *	1,4	
A	TWENTY-FIRST IEEE COMPUTER SOCIETY INTERNATIONAL CONFERENCE, Washington, D.C., 23rd-25th September 1980, pages 219-223, IEEE, New York, US; K. GUTTAG: "The TMS 9918 video display processor: a brief overview" * Page 220, right-hand column, last paragraph - page 222, left-hand column, paragraph 2; figures 5-8 *	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 09 G
A	GB-A-2 055 279 (NAMCO LTD)		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22-11-1988	Examiner TIBAUX M.J.P.G.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			