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(71) Applicant (for all designated States except US): TEXAS INSTRUMENTS INCORPORATED [US/US]; P.O. Box 655474, Mail Station 3999, Dallas, TX 75265-5474 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OETTINGER, Eric, Gregory [US/US]; 532 5th Street SW, Rochester, MN 55902 (US). NOXON, James, Eugene [US/US]; 4325 York Lane NW, Rochester, MN 55901 (US).

(74) Agents: FRANZ, Warren, L. et al.; Texas Instruments Incorporated, Deputy General Patent Counsel, P.O. Box 655474, MS 3999, Dallas, TX 75265-5474 (US).

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Declarations under Rule 4.17:

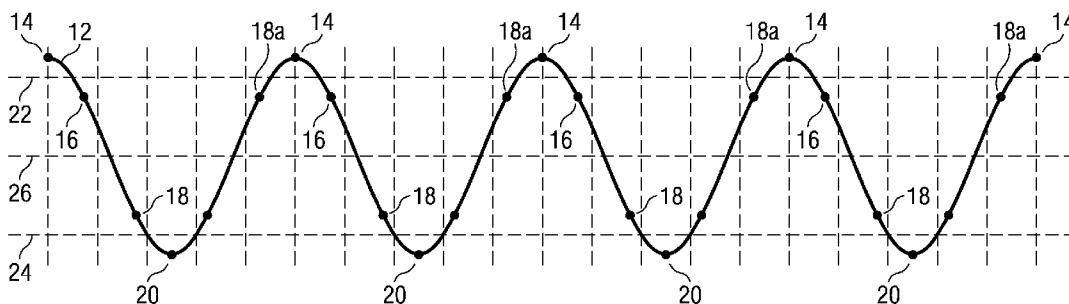
- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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(54) Title: METHOD TO MAINTAIN PHASE DIFFERENCE OF POSITIONING MIRROR RELATIVE TO RESONATING MIRROR



(57) Abstract: System and method for synchronizing the low speed mirror movement of a mirror display system with incoming frame or video signals, and synchronizing buffered lines of video data to the independently oscillating scanning mirror. According to one embodiment of the invention, the peak portions (14, 20) of the low speed cyclic drive signal (12) are synchronized with the incoming frames of video by compressing or expanding the peak portion or turn around portion so that each video frame begins at the same location (16) on the display screen. The actual position of the high frequency mirror is determined by sensors and a "trigger" signal is generated to distribute the signals for each scan line such that the scan lines are properly positioned on the display.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - G02B 26/06 (2007.10) USPC - 347/235 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC(8) - B41J 2/47; G02B 26/06, 26/08(2007.10) USPC - 347/235, 237; 353/31, 94; 359/198, 199, 201, 202, 213, 214, 224		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PatBase		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/33283 A1 (LEWIS et al) 10 May 2001 (10.05.2001) entire document	1-23
Y	US 6,285,383 B1 (KLEMENT et al) 04 September 2001 (04.09.2001) entire document	1-17
Y	US 6,956,597 B2 (BUSH et al) 18 October 2005 (18.10.2005) entire document	3,6,7,10,11 and 15-23
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