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(71) Applicant: MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) Inventor: BARRETT, Raymond, L., Jr.; 1031 S.W. 28th Street, Fort Lauderdale, FL 33315 (US).

(74) Agents: NICHOLS, Daniel, K. et al.; Motorola Inc., Intellectual Property Dept./JAL, 1500 Gateway Boulevard-MS96, Boynton Beach, FL 33426-8292 (US).

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(54) Title: DRIVING APPARATUS FOR AN ACTIVE ADDRESSED DISPLAY

(57) Abstract

A display system (500) processes an input signal to generate an image. The input signal includes successive frames of data defining lines which include image values and have a line direction. A display (100) for displaying the image has second electrodes (104) which are in a direction corresponding to the line direction. A video memory (640) which stores a frame of data includes a single line buffer (602) and a single frame buffer (608). A controller (622) controls storage of the frame of data into the video memory (640) and generates a predetermined image independent function during a time slot. A calculation engine (632) computes an image dependent output signal during the time slot which has values. Each of the values is determined from the predetermined image independent function and image values from one of the lines stored in the video memory (640).

