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# United States Patent [19]

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Johary et al.

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[54] **FAKEOUT METHOD AND CIRCUITRY FOR DISPLAYS**

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### Related U.S. Application Data

[63] Continuation of Ser. No. 245,874, Sep. 16, 1988, abandoned.

[51] Int. Cl.<sup>5</sup> ..... **G06F 15/40; G09G 3/28**

[52] U.S. Cl. .... **395/162; 395/153; 395/154; 340/717; 340/771**

[58] Field of Search ... 364/200 MS File, 900 MS File, 364/518, 521, 522; 340/758, 785, 771, 716, 717; 395/162, 153, 154

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### [57] ABSTRACT

A video display controller capable of providing video control information for either a flat panel or a CRT display. The controller includes a plurality of main circuits, alternate circuits, select circuits, and a circuit for identifying the display device used in the system. Each main circuit receives information from the processor and generates main video information compatible with a CRT. Each alternate circuit receives information from the processor and generates alternate video information compatible with a flat panel display. Each select circuit receives main and alternate video information and outputs main video information when the display device is a CRT display and the alternate video information when the display device is a flat panel display. In one embodiment, the alternate circuits are programmable registers. In another embodiment, tables are used to program the alternate registers to provide compatibility for a number of possible display devices.

9 Claims, 3 Drawing Sheets

