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Becker et al.

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(54) **BRAILLE COMPUTER MONITOR**

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(51) **Int. Cl.**[7] **G09G 3/00**

(52) **U.S. Cl.** **345/31**; 434/113; 340/407.1

(58) **Field of Search** 345/31, 108; 340/407.1, 340/407.2; 400/109.1; 434/112–117

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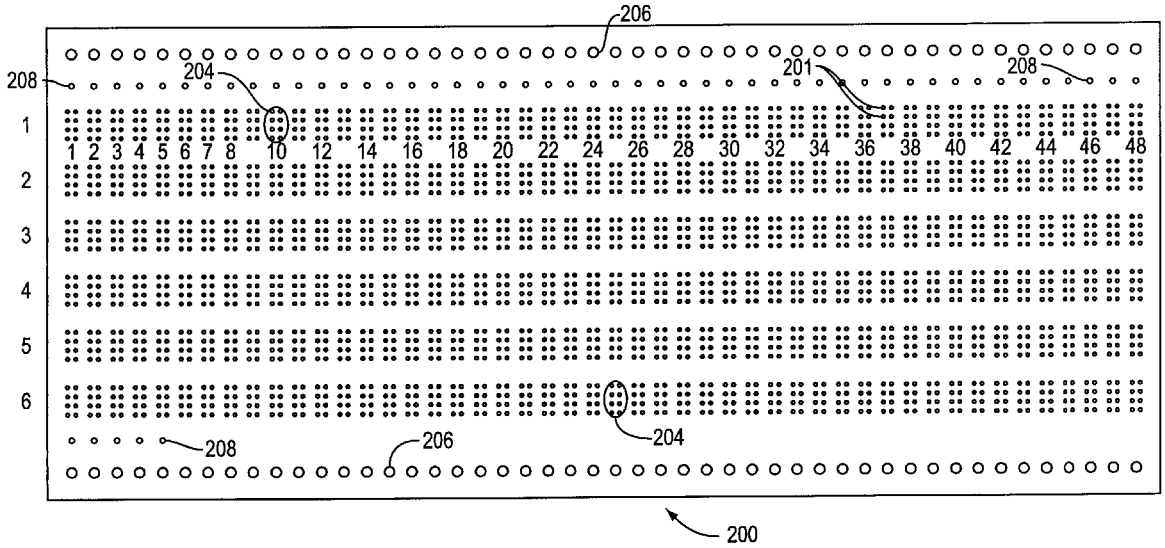
(57) **ABSTRACT**

A tactual computer monitor includes rows and columns of rectangular cells. Each cell includes four rows and two columns of movable pins which are felt and read by a blind person. The pins are driven by electromechanical impact drivers and are held in position by resilient elastomeric cords. The impact drivers are carried on a bi-directional printhead which travels beneath the movable pins. An erasing mechanism is provided to positively drive the pins downwardly to erase the characters produced by the printhead.

15 Claims, 13 Drawing Sheets