

Image Display Apparatus and Its Method of Operation

ABSTRACT

The image display apparatus is provided with a dot matrix of light emitting devices, driver circuitry, and switching circuitry. The dot matrix is a plurality of light emitting devices arranged in an m-line by n-column matrix, and one terminal of each light emitting device in each line is connected to a common source line. Driver circuitry controls light emitting devices active or inactive depending on an input illumination signal. In the active state, switching circuitry floats common source lines, and in the inactive state, discharges all common source lines to ground.

Figure 1