United States Patent [19]

Moore

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[54] **TWO DIMENSIONAL LIGHT BEAM SELECTION SYSTEM**

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[52] **U.S. Cl.** ..... **340/365 P;** 176/19 EC; 176/24; 178/18; 340/707

[58] **Field of Search** ..... 176/19 R, 195, 19 EC, 176/24; 364/504, 822; 178/18, 19, 20; 340/146.3 MA, 166 R, 166 EL, 334, 335, 337, 365 P, 707; 324/75, 96, 97; 250/221, 578

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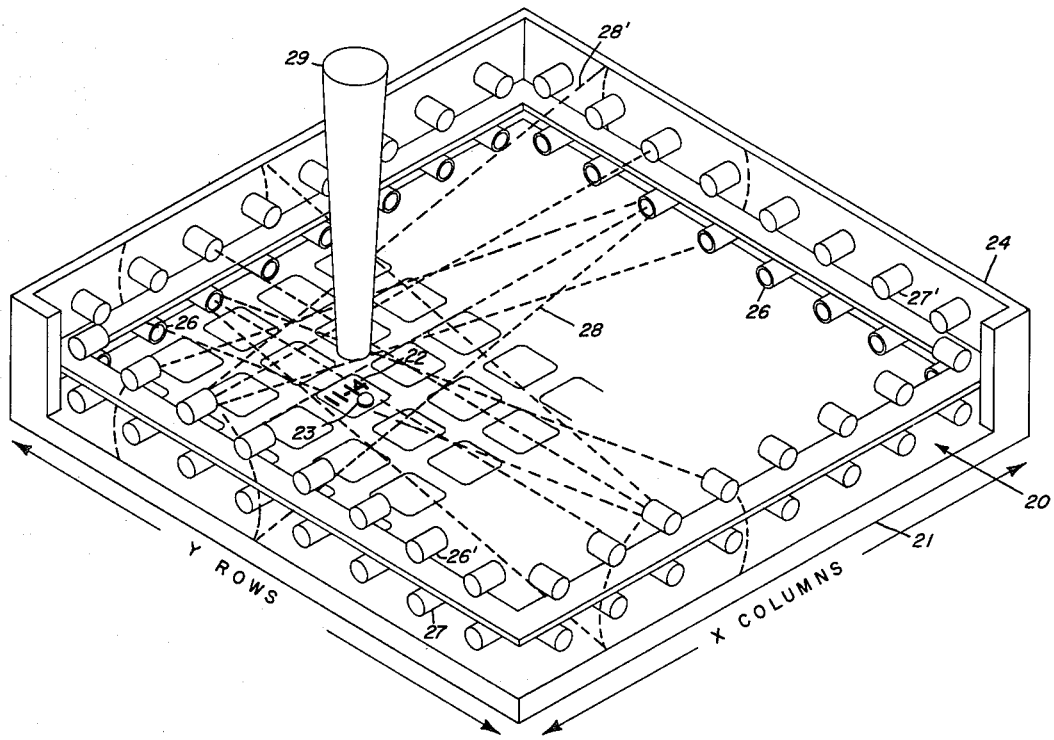
[57] **ABSTRACT**

A position selection system comprising a map of a plurality of selection positions arranged in columns and rows with a normally unenergized light emitter and a respective normally disabled light detector positioned at opposie ends of each of the columns and rows. The light emitters are sequentially energized and the respective light detectors are synchronously sequentially enabled to thereby avoid the necessity of collimating light from the light emitters.

12 Claims, 6 Drawing Figures