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(54) **Display apparatus**

(57) A display apparatus comprises a support member and a plurality of light-emitting elements attached to the support member. The apparatus performs a predetermined display by light-emission controlling the light-emitting elements. The display apparatus further comprises one or a plurality of light-emitting element panels (5), each having a support frame (50F) and a plurality of light-emitting element bars (80) arranged in parallel at regular intervals (G) and connected to the support frame (50F), each light-emitting bar (80) being covered by a cylindrical translucent pipe (81); and further comprises light-emission control means (10 to 40, 51 to 53) including computers (11 to 13), which control the plurality of light-emitting element bars (80) in the one or the plurality of light-emitting element panels (50).

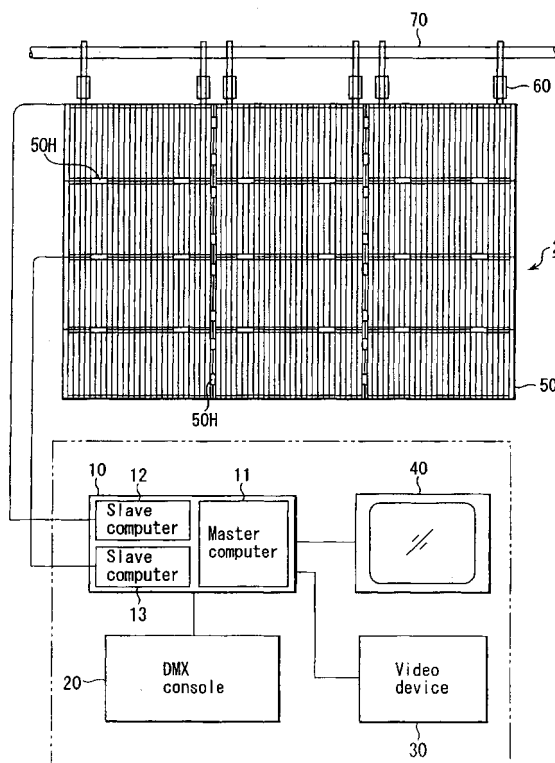
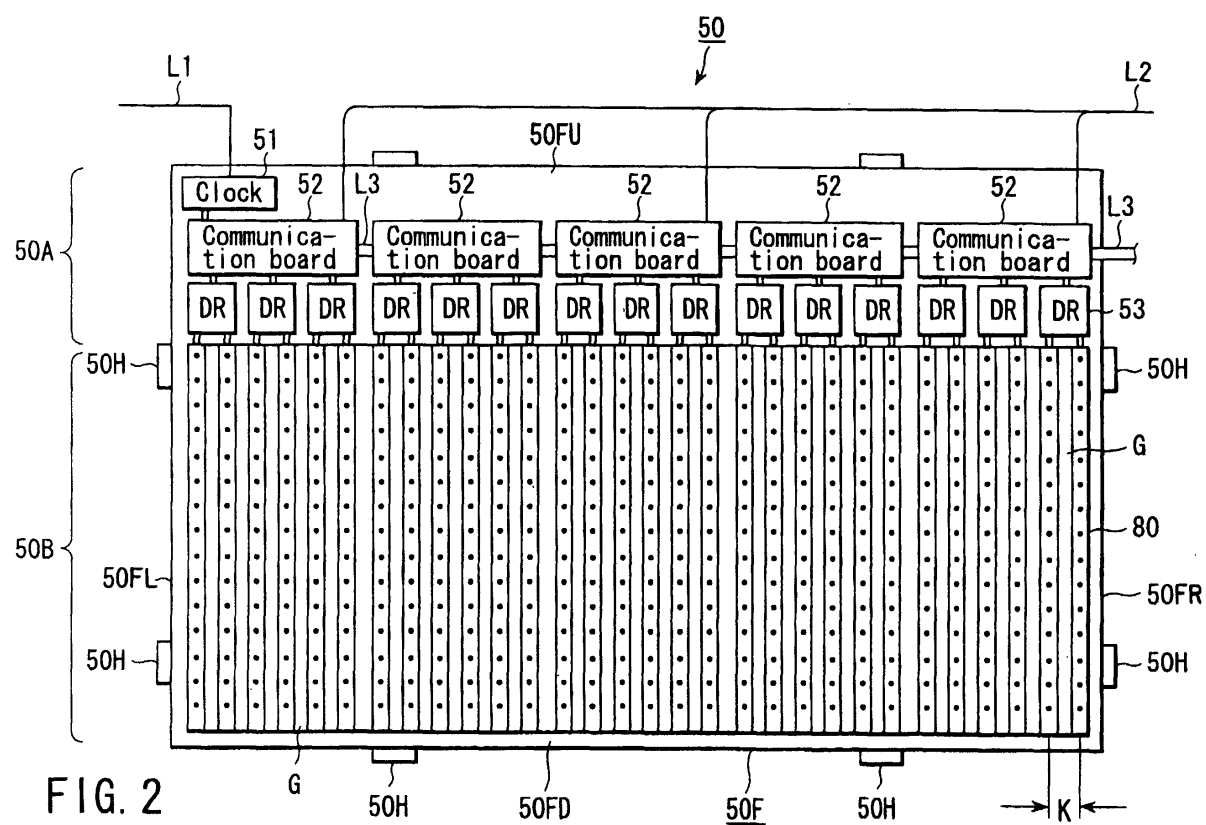


FIG. 1





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EUROPEAN SEARCH REPORT

Application Number
EP 01 30 9923

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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 18 July 2003	Examiner Pavlov, V
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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