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(54) MODULATION OF CELLULAR ADHESION WITH LIPID MEMBRANE MICRO-ARRAYS

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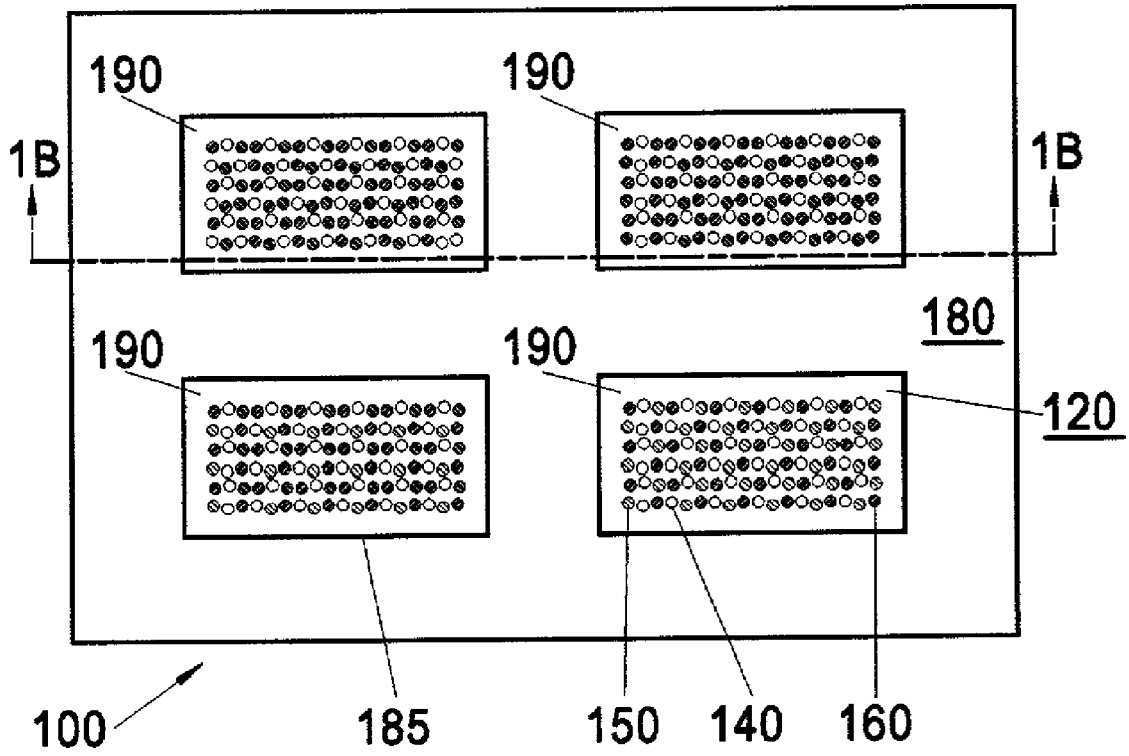
(57) **ABSTRACT**

A method and device for controlled cell adhesion is provided. The device comprises lipid bilayer membranes arranged into discrete areas in a micro-array. They are useful for screening and modulation of living cell adhesion and growth on a solid substrate. The lipid bilayer membranes are doped with various lipids and/or proteins to modulate the adherence of the cells being used in the device.