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(54) Title: MICROPATTERNED PLATE WITH MICRO-PALLETS FOR ADDRESSABLE BIOCHEMICAL ANALYSIS

(57) Abstract: A plate manufactured to enable samples of cells, micro-organisms, proteins, DNA, biomolecules and other biological media to be positioned at specific locations or sites on the plate for the purpose of performing addressable analyses on the samples. Preferably, some or all of the sites are built from a removable material or as pallets so that a subset of the samples of interest can be readily isolated from the plate for further processing or analysis. The plate can contain structures or chemical treatments that enhance or promote the attachment and/or function of the samples, and that promote or assist in their analyses.

WO 2006/041938 A3