HYBRIDIZATION CHAMBER

ABSTRACT

The present invention provides a uniquely designed hybridization apparatus that enables reproducible hybridizations with small amount of sample probes. In one preferred embodiment, the hybridization apparatus for effecting a reaction on a solid surface of a substrate within an enclosed space comprises a hybridization chamber for providing the enclosed space within which the reaction on the solid surface of the substrate can be performed, wherein the substrate is disposed one or more spots of probes; and an applicator module for automatically loading a coverslip over the substrate and mixing a sample fluid disposed between the coverslip and the substrate by vacuum suction.

FIG 1A