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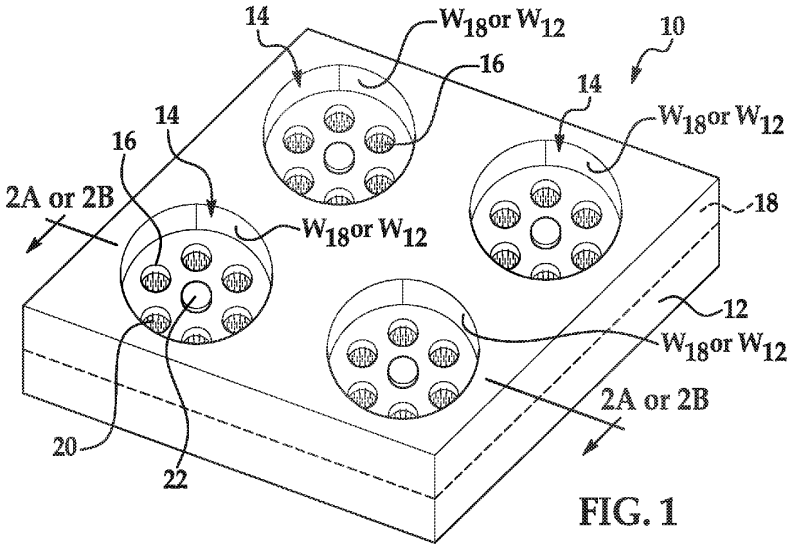

FIG. 1

(57) Abstract: An example of a sequencing kit includes a flow cell, an encapsulation matrix precursor composition, and a radical initiator. The flow cell includes a plurality of chambers and primers attached within each of the plurality of chambers. The encapsulation matrix precursor composition consists of a fluid, a monomer or polymer including a radical generating and chain elongating functional group, a radical source, and a crosslinker. The radical initiator is part of the encapsulation matrix precursor composition or is a separate component.

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