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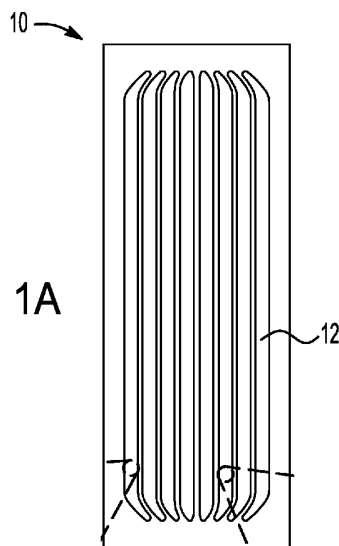
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(54) **Title:** FLOW CELLS WITH REMOVABLE COATINGS

FIG. 1A



(57) **Abstract:** An example of a flow cell includes a substrate; a plurality of reactive regions spatially separated from one another across the substrate; and a plurality of independently removable coatings respectively positioned over each of the plurality of reactive regions. Each of the plurality of reactive regions includes a polymeric hydrogel layer; and a reactive entity attached to the polymeric hydrogel layer. At least one of the independently removable coatings is a gas-dissolvable coating.

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