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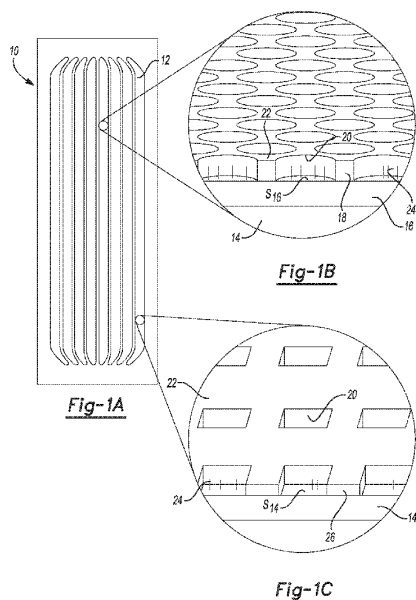
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(54) Title: FLOW CELLS AND SEQUENCING KITS



(57) Abstract: In one example, a flow cell includes a substrate, an electrode positioned on the substrate, and a patterned material positioned on the electrode. In this example, the patterned material includes depressions separated by interstitial regions, and a functionalized surface of the electrode is exposed at each of the depressions. In this example, the flow cell further includes a primer grafted to the functionalized surface in each of the depressions. In another example, a flow cell includes a substrate and a patterned electrode positioned on the substrate. In this other example, the patterned electrode includes depressions separated by interstitial regions, and a functionalized surface of the substrate is exposed at each of the depressions. In this other example, a primer is grafted to the functionalized surface in each of the depressions.

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