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(54) **Title: SPATIALLY RESOLVED SURFACE CAPTURE OF NUCLEIC ACIDS**

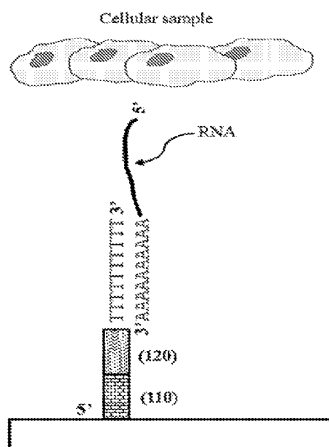


FIG. 12

(57) **Abstract:** The present disclosure provides compositions, apparatuses and methods for capturing on a support nucleic acids from cellular samples, preparing library molecules on the support, amplifying the library molecules on the support to generate nucleic acid template molecules, and analyzing the immobilized nucleic acid template molecules including detecting and/or sequencing the immobilized nucleic acid template molecules. The immobilized nucleic acid template molecules correspond to the nucleic acids from the cellular samples. The immobilized nucleic acid template molecules are spatially located on the support at positions that correspond to the spatial location of the nucleic acids from the cellular sample.



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