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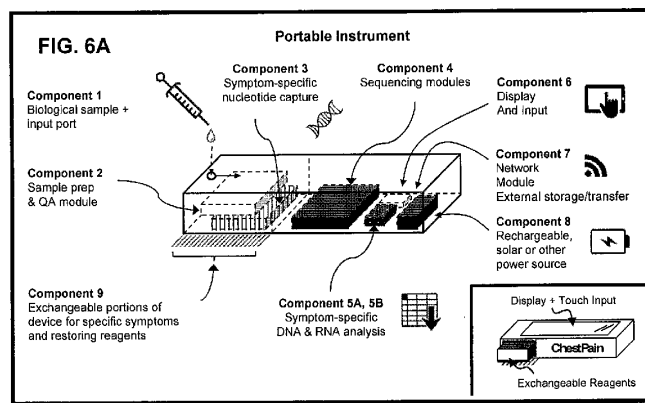
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(54) Title: DEVICES AND METHODS FOR DIAGNOSTICS BASED ON ANALYSIS OF NUCLEIC ACIDS



(57) Abstract: A condition can be diagnosed based on a symptom experienced by a subject and based on a biological sample including nucleic acids. Based on the symptom, a first set of the nucleic acids can be preselected for analysis. A first plurality of the nucleic acids of the first set that are present in the first biological sample can be captured. For each of the captured nucleic acids of the first plurality, an amount of that captured nucleic acid that is present in the first biological sample can be quantified and sequenced and based on the sequence of that captured nucleic acid, an origin of that captured nucleic acid can be identified. An indication can be output of the quantified amount and the identified origin of at least one captured nucleic acid that is present in the first biological sample.

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