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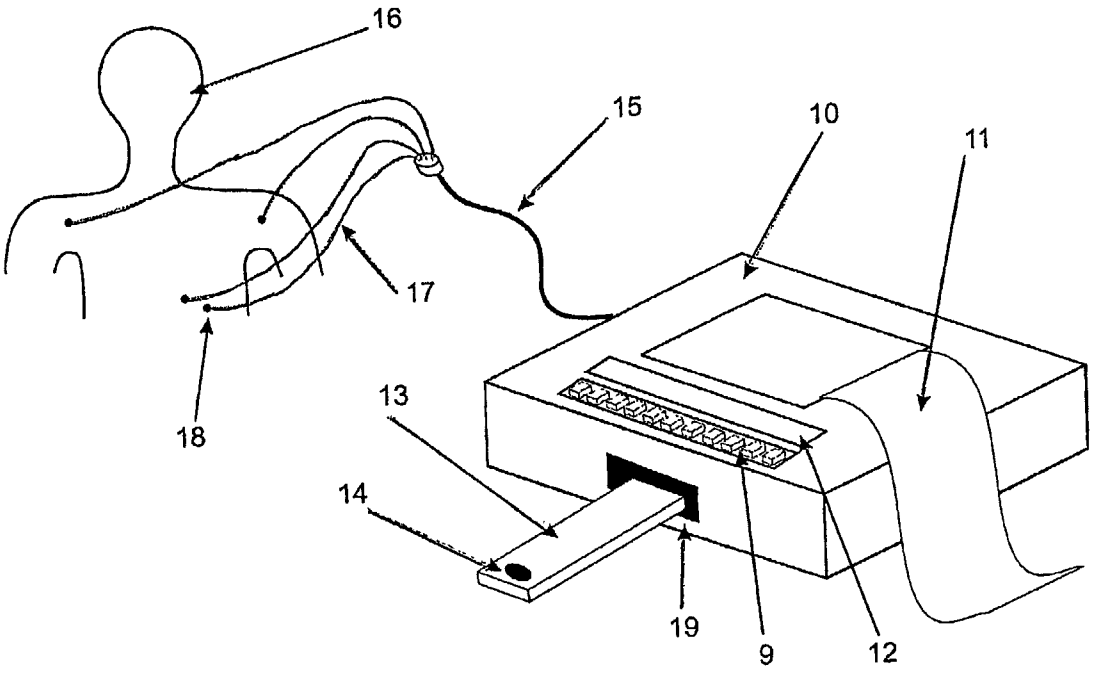
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(54) Title: APPARATUS AND METHOD FOR RISK STRATIFICATION OF PATIENTS WITH CHEST PAIN OF SUSPECTED CARDIAC ORIGIN



(57) Abstract: The subject invention relates to the detection, diagnosis and risk stratification of clinical events such as acute coronary syndrome, in patients with signs and symptoms of suspected cardiac origin. In one embodiment, a clinical event in a patient is diagnosed by obtaining the patient's ECG, and at least one *in vitro* diagnostic assay, preferably an assay for a marker of ischemia, and optionally *in vitro* diagnostic assays for necrotic markers or other cardiac indicators, and combining the foregoing results in an algorithm to provide a diagnosis or a risk stratification of the clinical condition.

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