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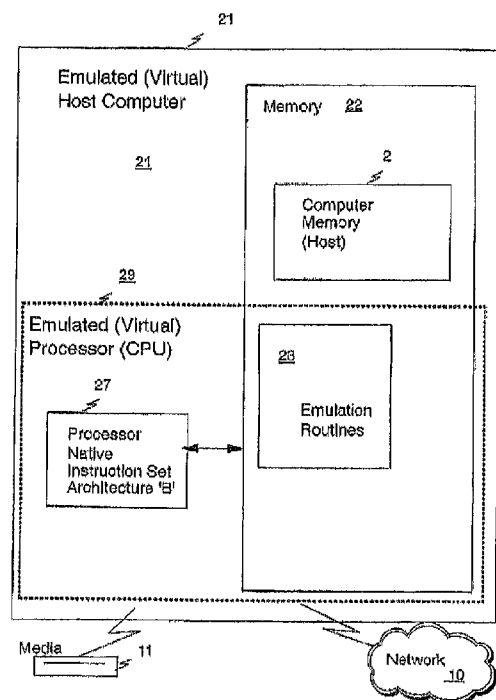
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(54) Title: RUN-TIME INSTRUMENTATION REPORTING



(57) Abstract: Embodiments of the invention relate to run-time instrumentation reporting. An instruction stream is executed by a processor. Run-time instrumentation information of the executing instruction stream is captured by the processor. Run-time instrumentation records are created based on the captured run-time instrumentation information. A run-time instrumentation sample point of the executing instruction stream on the processor is detected. A reporting group is stored in a run-time instrumentation program buffer. The storing is based on the detecting and the storing includes: determining a current address of the run-time instrumentation program buffer, the determining based on instruction accessible run-time instrumentation controls; and storing the reporting group into the run-time instrumentation program buffer based on an origin address and the current address of the run-time instrumentation program buffer, the reporting group including the created run-time instrumentation records.



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