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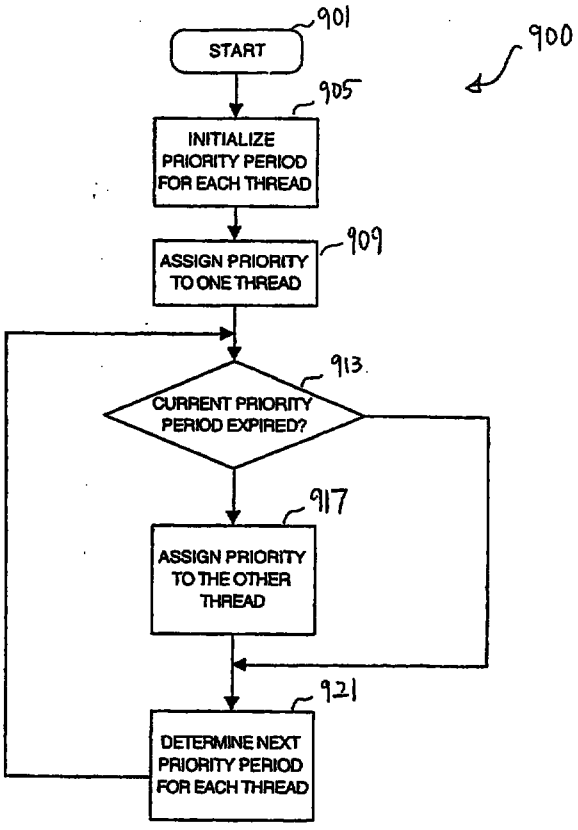
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(54) Title: METHOD AND APPARATUS FOR CONTROLLING THE PROCESSING PRIORITY BETWEEN MULTIPLE THREADS IN A MULTITHREADED PROCESSOR




(57) Abstract: The present invention provides a method and apparatus for controlling a processing priority assigned alternately to a first thread and a second thread in a multithreaded processor to prevent deadlock and livelock problems between the first thread and the second thread. In one embodiment, the processing priority is initially assigned to the first thread for a first duration. It is then determined whether the first duration has expired in a given processing cycle. If the first duration has expired, the processing priority is assigned to the second thread for a second duration.

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