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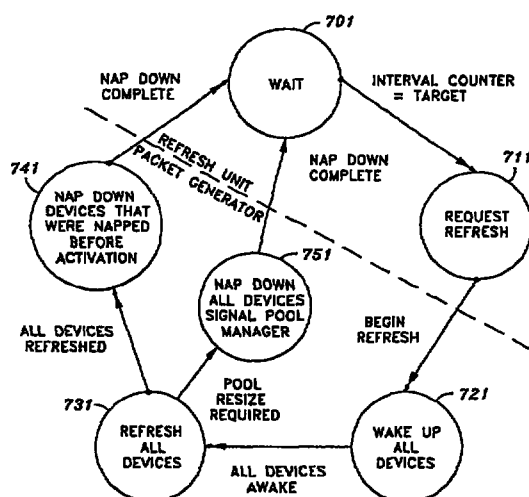
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(54) Title: METHOD AND APPARATUS FOR DYNAMICALLY CHANGING THE SIZES OF POOLS THAT CONTROL THE POWER CONSUMPTION LEVELS OF MEMORY DEVICES



(57) Abstract: The present invention provides a method, apparatus, and system for dynamically changing the sizes of power-control pools that are used to control the power consumption levels of memory devices. In one embodiment, a request to change the sizes of the memory power-control pools is received. In response to receiving the request to change the sizes of the memory power-control pools, the memory devices are placed in a specific operating mode or power state after being refreshed in a periodic refresh cycle. In response to a signal indicating that all memory devices have been placed in the specific operating mode, power-control pools are resized according to pool size values corresponding to the request received.

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