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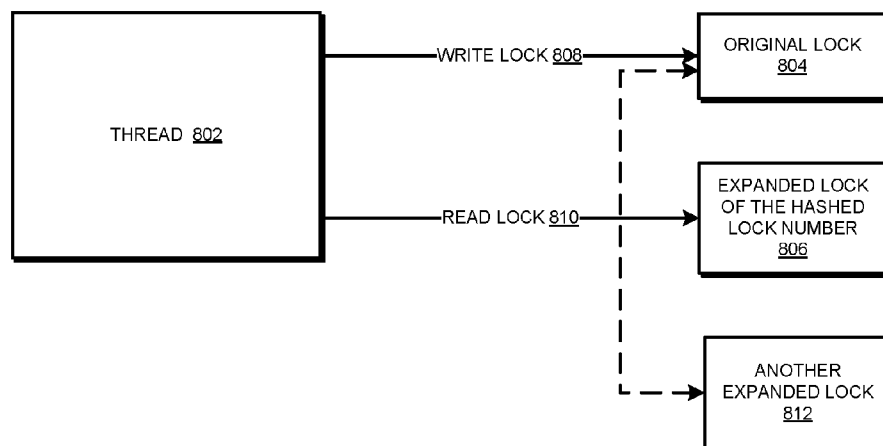
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(54) Title: DUAL MODE READER WRITER LOCK

FIG. 8



(57) Abstract: A method, system, and computer usable program product for a dual mode reader writer lock. A contention condition is determined in using an original lock. The original lock manages read and write access to a resource by several processes executing in the data processing system. The embodiment creates a set of expanded locks for use in conjunction with the original lock. The original lock and the set of expanded locks forming the dual mode reader writer lock, which operates to manage the read and write access to the resource. Using an index within the original lock, each expanded lock is indexed such that each expanded lock is locatable using the index. The contention condition is resolved by distributing requests for acquiring and releasing the read access and write access to the resource by the several processes across the original lock and the set of expanded locks.

