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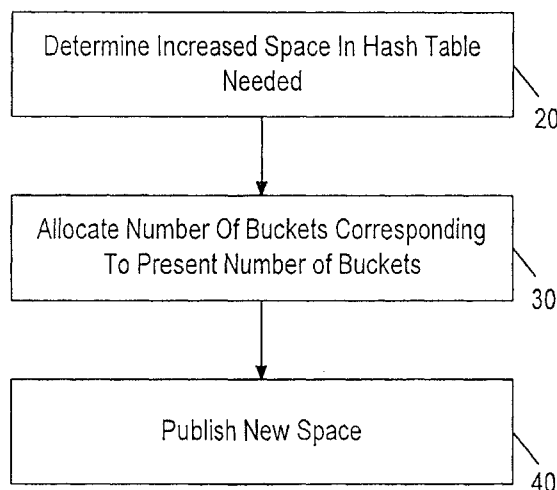
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(54) Title: PERFORMING CONCURRENT REHASHING OF A HASH TABLE FOR MULTITHREADED APPLICATIONS

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(57) Abstract: In one embodiment, the present invention includes a method for allocating a second number of buckets for a hash table shared concurrently by a plurality of threads, where the second number of buckets are logically mapped onto a corresponding parent one of the first number of buckets, and publishing an updated capacity of the hash table to complete the allocation, without performing any rehashing, such that the rehashing can later be performed in an on-demand, per bucket basis. Other embodiments are described and claimed.

FIG. 1



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