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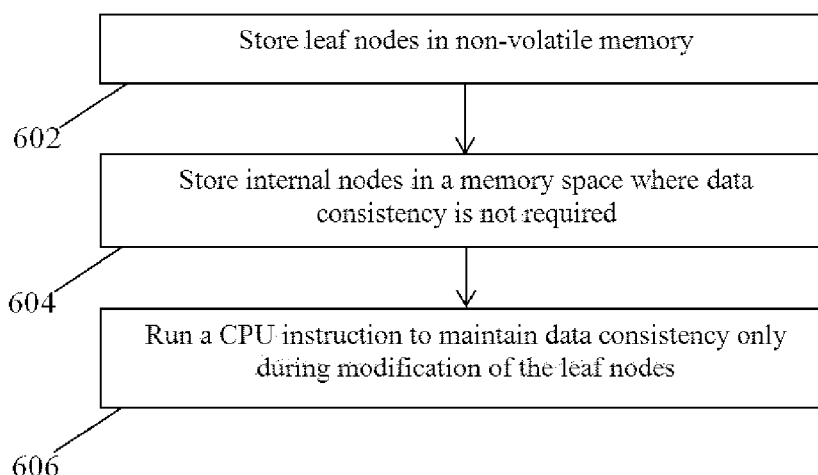
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(54) **Title:** METHOD OF MAINTAINING DATA CONSISTENCY

[Fig. 6]



(57) **Abstract:** A method of maintaining data consistency in a tree, the method including the steps of: storing leaf nodes in non-volatile memory, the leaf nodes comprising actual data; storing internal nodes in a memory space where data consistency is not required; and running a CPU instruction to maintain data consistency only during modification of the leaf nodes.