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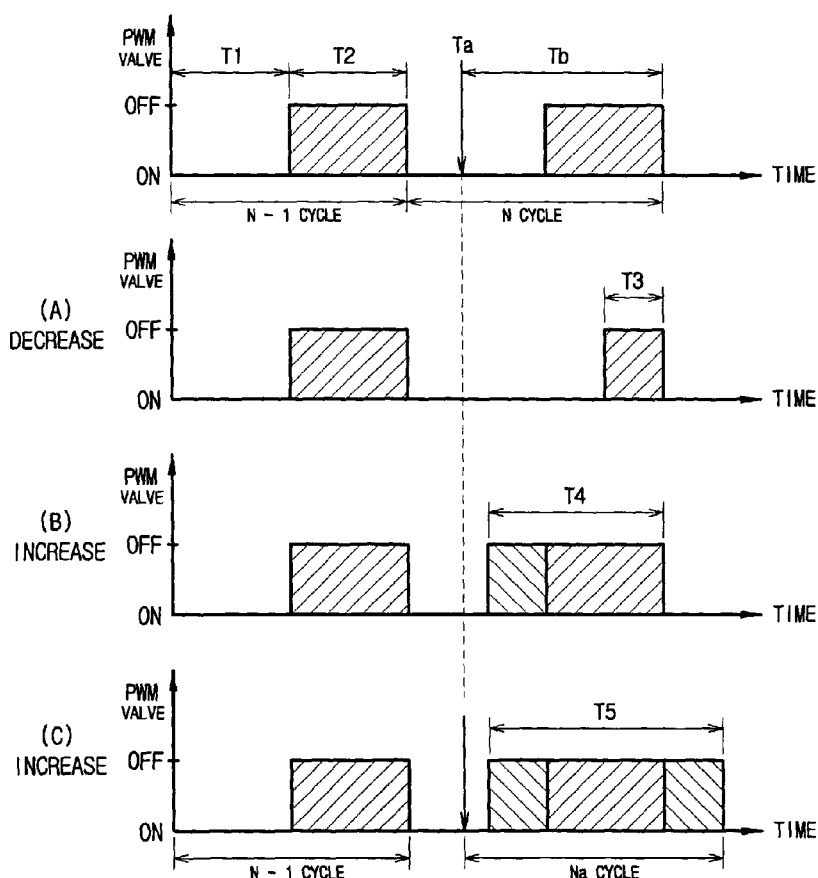
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(54) Title: AIR CONDITIONER AND METHOD OF CONTROLLING THE SAME



(57) Abstract: Disclosed herein is an air conditioner and method of controlling the same. The air conditioner includes a compressor having a capacity variable according to a duty control signal. The duty control signal controls the compressor to undergo a loading time for maintaining a loading state in a cycle and an unloading time for maintaining an unloading state in a cycle. The air conditioner further includes a control unit for determining the loading time and the unloading time according to the variation of a total required cooling capacity to generate the duty control signal even before a corresponding cycle is over, if the total required cooling capacity has been varied in a corresponding cycle while the compressor is operate, and controlling the compressor according to the duty control signal.



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