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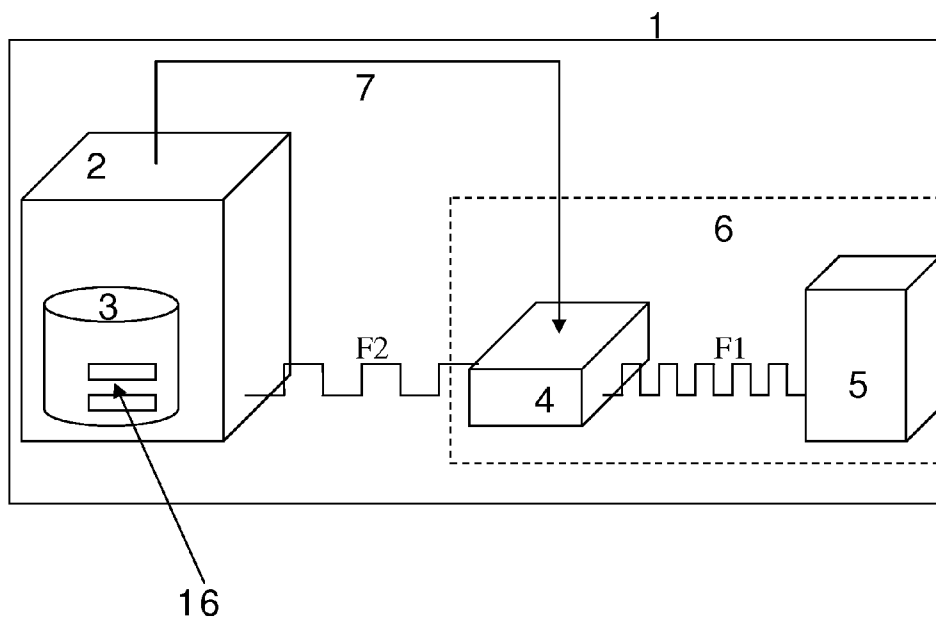
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(54) Title: APPLICATION SOFTWARE INITIATED SPEEDUP



(57) Abstract: The invention discloses an instruction, processor, system and method which allow application level software to explicitly request a temporary performance boost, from computing hardware. More specifically it relates to advanced management of working frequency of a processor in order to achieve the performance boost. Preferably a processor according to the invention may be implemented in electronic exchanges or similar applications where peak periods may occur.

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