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OH et al.(10) **Pub. No.: US 2023/0231791 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **METHOD OF IMPROVING PERFORMANCE
OF SOFTWARE-DEFINED NETWORKING
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(57)

ABSTRACT

An electronic device and a method of improving a performance of a software-defined networking (SDN) of the electronic device are provided. The method includes: identifying at least one policy from a flow table of the software-defined networking; identifying performance index parameters based on information about the at least one policy; determining whether or not an improvement in the performance of the software-defined networking is required based on the performance index parameters and a target performance index; when the improvement in the performance of the software-defined networking is determined to be required, executing a predetermined algorithm based on information about the performance index parameters to check execution information about the at least one policy; and updating the at least one policy based on the execution information.

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