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(54) **ROOM-TEMPERATURE OPERABLE
ALL-SOLID-STATE BATTERY**

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(57) **ABSTRACT**

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Disclosed is an all-solid-state battery, which includes a plurality of intermediate layers including a first layer including a carbon material and a second layer including a metal and disposed on at least one surface of the first layer, and in which a lithium precipitation layer in which lithium is electrodeposited is located at the interface of an anode current collector at 40° C. or less, thereby improving volume expansion of the all-solid-state battery and maximizing battery performance.

