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(54) **ALL-SOLID-STATE LITHIUM ION SECONDARY BATTERY**

(57) Disclosed is an all-solid-state lithium ion secondary battery excellent in cycle characteristics. The battery may be an all-solid-state lithium ion secondary battery, wherein an anode comprises anode active material particles, an electroconductive material and a solid elec-

trolyte; wherein the anode active material particles comprise at least one active material selected from the group consisting of elemental silicon and SiO₂; and wherein a BET specific surface area of the anode active material particles is 1.9 m²/g or more and 14.2 m²/g or less.

FIG. 1

