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(54) **SECONDARY BATTERY AND ELECTRICAL DEVICE**

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(57) **ABSTRACT**

The present application relates to a secondary battery, which includes: a cathode sheet, an anode sheet, and an electrolyte; the cathode sheet includes a cathode film layer containing a cathode active material, and the anode sheet includes an anode film layer containing an anode active material; and the secondary battery meets a following function relationship: $0.22 \leq 3 \times (A1/A2) \times (B2 - B1) / (B1 + B2) \leq 1.55$, the parameters are referred to the description; and an electrical device including the secondary battery. The secondary battery in the present application has both good cycle life and excellent fast charging capacity.

