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(54) **LITHIUM SECONDARY BATTERY**

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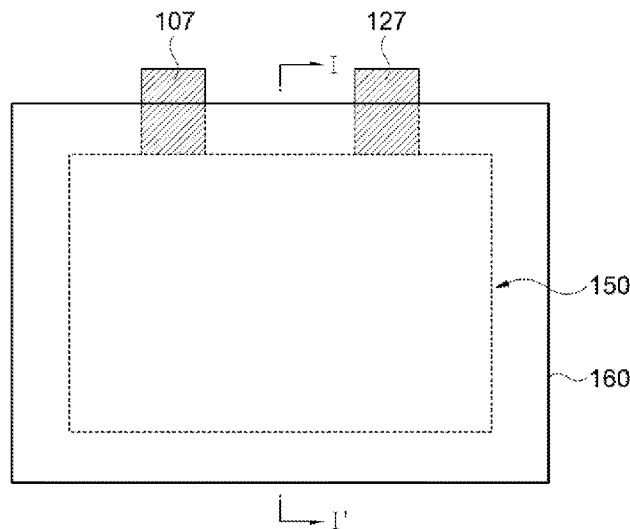
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**ABSTRACT**

A lithium secondary battery includes a cathode including a cathode current collector and a cathode active material disposed on at least one surface of the cathode current collector, the cathode active material including first cathode active material particles having a shape of a single particle, an anode facing the cathode, and a non-aqueous electrolyte solution having a lithium salt and a non-aqueous organic solvent that includes a difluoro-based organic solvent. A content of the difluoro-based organic solvent is in a range from 2 vol % to 10 vol % based on a total volume of the non-aqueous organic solvent.



**FIG. 2**

