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(54) **ELECTRODE ASSEMBLY HAVING IMPROVED SAFETY OF USE BY MEANS OF OUTERMOST ELECTRODE STRUCTURE AND CURRENT COLLECTOR MATERIAL, AND LITHIUM-ION SECONDARY BATTERY HAVING SAME**

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(57) **ABSTRACT**

An electrode assembly includes a plurality of unit cells each equipped with a pair of electrodes having different polarities. Electrode tabs protrude from the electrodes. The electrode tabs including at least one electrode parallel connection tab and at least one electrode lead connection tab. In a first unit cell of the plurality of unit cells, a current collector of a first electrode among the pair of electrodes is made of a different material from a current collector of a second electrode among the pair of electrodes having the different polarity.

