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PATENT

REEL: 025800 FRAME: 0163

CONFIRMATORY LICENSE

Title of Invention:

MODEL FOR THE FABRICATION OF TAILORED MATERIALS

FOR LITHIUM-ION BATTERIES

Inventors:

Gary M., Koenig, Jr., Ilias Belharouak, Khalil Amine, Haixia Deng

Patent Application Serial No.: 12/895,349

Filing Date: September 30, 2010

Patent Number:

Issue Date:

Contractor:

UChicago Argonne, LLC DOE Contract No.: DE-AC02-06CH11357

DOE Case No.: S-122,519

ANL Case No.: ANL-IN-10-036

The Contractor has reported the above-identified invention as a subject invention to DOE and has elected to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up, worldwide license in this subject invention, patent application and any resulting patent, including any continuation, divisional, reissue, or supplemental application thereof, to practice or to have practiced for or on behalf of the United States throughout the world; and of all other rights acquired by the Government by the patent rights clause in the above-identified contract.

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The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application.

Signed this 11th day of January, 2011

Contractor Name: UChicago Argonne, LLC

By: Mark D. Hilliard

Chief Patent Counsel

Argonne National Laboratory UChicago Argonne, LLC

> **PATENT** REEL: 025800 FRAME: 0164

RECORDED: 02/15/2011