505824271 12/17/2019

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|--|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE |

CONVEYING PARTY DATA

| Name | Execution Date |
|--|----------------|
| GENERAL MOTORS GLOBAL PROPULSION SYSTEMS | 11/05/2019 |

RECEIVING PARTY DATA

| Name: | UNITED STATES DEPARTMENT OF ENERGY |
|-----------------|------------------------------------|
| Street Address: | 1000 INDEPENDENCE AVE. S.W. |
| City: | WASHINGTON |
| State/Country: | D.C. |
| Postal Code: | 20585 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16229149 |

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| ATTORNEY DOCKET NUMBER: | 16/229,149 PSL |
|-------------------------|----------------|
| NAME OF SUBMITTER: | PAULA S LEON |
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| DATE SIGNED: | 12/17/2019 |

Total Attachments: 1

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PATENT 505824271 REEL: 051322 FRAME: 0699

License to the United States Government

RECORDED: 12/17/2019

Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison).

| Inv | ention Title: negative electrode for secondary lithium metal battery and method of making | |
|----------|--|--|
| Inv | entor(s): Li Binsong, Xiao Xingcheng | |
| U.S | S. Filing/Issue Date: 12/21/2018 | |
| Pat | tent or Application Serial No.: 16/229, 149 | |
| Gra | ant/Contract Number(s): DE-EE0007787 | |
| For | reign Applications filed/intended in (countries): CHINA, GERMANY | |
| at : | e invention identified above is a Subject Invention under 35 U.S.C. 200, et seq. , and the Standard Patent Rights clause 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above ntified grant or contract award from the United States Government. This document is confirmatory of: | |
| 1. 2. | United States the invention described in any patent application and in any and all divisions, continuations, a continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and | |
| | e Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent olication. | |

Signed this Fifth day of November , 20 19 .

By Sean C. Campbell (Institutional Business Official) (Signature)

Title Government Contracts Manager

For GENERAL MOTORS GLOBAL PROPULSION SYSTEMS (Grantee/Contractor Organization)

At GENERAL MOTORS GLOBAL PROPULSION SYSTEMS 800 N GLENWOOD AVE PONTIAC, MI 48340 (Business Address)

PATENT REEL: 051322 FRAME: 0700