PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUAMIN ZHANG	09/05/2016
XIANFENG LI	09/05/2016
CHENHUI WANG	09/05/2016
QINZHI LAI	09/05/2016
YUANHUI CHENG	09/05/2016

RECEIVING PARTY DATA

Name:	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES	
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City:	DALIAN, LIAONING	
State/Country:	CHINA	
Postal Code:	116023	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15302440

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ATTORNEY DOCKET NUMBER: PA131.0039 **NAME OF SUBMITTER:** YUE NI **SIGNATURE:** /Yue Ni/ **DATE SIGNED:** 10/06/2016

Total Attachments: 2

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PATENT REEL: 039961 FRAME: 0244

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

Quinone Polyhalide Flow Battery

for which I/We executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, a corporation of CHINA, whose post office address is No. 457 Zhongshan Road, Dalian, Liaoning 116023, China (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment.

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its/their successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 15/302,440 filed October 6, 2016) the filing date and application number of said application when known.

PATENT REEL: 039961 FRAME: 0245 IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR ASSIGNOR'S SIGNATURE ZHANG, Huamin	DATE
- Hulen Africa	7016.95
ADDRESS No. 457 Zhongshan Road, Dallan, Liaoning 116023, China	CITIZENSHIP*
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PATENT REEL: 039961 FRAME: 0246

RECORDED: 10/06/2016