

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5362176

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	SUBMISSION IS TO CORRECT THE EXECUTION DATE OF ION C. HALALAY ON THE COVER SHEET PREVIOUSLY RECORDED AT REEL/FRAME: 042988/0269
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ION C. HALALAY	07/10/2017
ZICHENG LI	07/11/2017
TIMOTHY J. FULLER	07/10/2017
BOB R. POWELL	07/10/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GM GLOBAL TECHNOLOGY OPERATIONS LLC
<b>Street Address:</b>	300 RENAISSANCE CENTER
<b>Internal Address:</b>	MAIL CODE 482-C23-B21
<b>City:</b>	DETROIT
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15644422
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)641-0270
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(248)641-1600
<b>Email:</b>	mailroom@HDP.com, pmorrow@hdp.com
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<b>Address Line 2:</b>	SUITE 200
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<b>ATTORNEY DOCKET NUMBER:</b>	P034571 (8540R-210)
<b>NAME OF SUBMITTER:</b>	JENNIFER WOODSIDE WOJTALA
<b>SIGNATURE:</b>	/Jennifer Woodside Wojtala/
<b>DATE SIGNED:</b>	02/06/2019

**Total Attachments: 4**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4500342

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ION C. HALALAY	07/10/2016 <u>2017</u>
ZICHENG LI	07/11/2017
TIMOTHY J. FULLER	07/10/2017
BOB R. POWELL JR.	07/10/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GM GLOBAL TECHNOLOGY OPERATIONS LLC
<b>Street Address:</b>	300 RENAISSANCE CENTER
<b>Internal Address:</b>	MAIL CODE 482-C23-B21
<b>City:</b>	DETROIT
<b>State/Country:</b>	MICHIGAN
<b>Postal Code:</b>	48265-3000
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15644422
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(248)641-0270
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(248) 641-1600
<b>Email:</b>	mailroom@HDP.com, lhoneman@hdp.com
<b>Correspondent Name:</b>	HARNES DICKY & PIERCE, P.L.C. (GM)
<b>Address Line 1:</b>	5445 CORPORATE DRIVE
<b>Address Line 4:</b>	TROY, MICHIGAN 48098
<b>ATTORNEY DOCKET NUMBER:</b>	P034571 (8540R-210)
<b>NAME OF SUBMITTER:</b>	JENNIFER M. WOODSIDE WOJTALA
<b>SIGNATURE:</b>	/Jennifer Woodside Wojtala/
<b>DATE SIGNED:</b>	07/12/2017
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS LLC, the entire right, title and interest, in all countries and application types, in the improvements set forth in the United States patent application P034571 (8540R-210) entitled

**POLYMERIC ION TRAPS FOR SUPPRESSING OR MINIMIZING TRANSITION METAL IONS AND DENDRITE FORMATION OR GROWTH IN LITHIUM-ION BATTERIES**

for which I executed a declaration. If the patent application has been filed, I authorize any practitioner associated with Customer No. 74175 to insert the application number and filing date of said application here in parentheses (15/644,422 filed July 7, 2017) when known.

Inventor's signature Ion Halalay Date July 10, 2017

Full name : Ion C. Halalay  
Residence : Grosse Pointe Park, Michigan

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Zicheng Li  
Residence : San Jose, California

Inventor's signature Timothy J. Fuller Date July 10, 2017

Full name : Timothy J. Fuller  
Residence : Pittsford, New York

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Bob R. Powell Jr.  
Residence : Birmingham, Michigan

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Ion C. Halalay

Residence : Grosse Pointe Park, Michigan

Inventor's signature Zicheng Li Date 7/11/2017

Full name : Zicheng Li

Residence : San Jose, California

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Timothy J. Fuller

Residence : Pittsford, New York

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Bob R. Powell Jr.

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Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Ion C. Halalay

Residence : Grosse Pointe Park, Michigan

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Zicheng Li

Residence : San Jose, California

Inventor's signature \_\_\_\_\_ Date \_\_\_\_\_

Full name : Timothy J. Fuller

Residence : Pittsford, New York

Inventor's signature Bob R. Powell Date 7-10-17

Full name : Bob R. Powell Jr.

Residence : Birmingham, Michigan