

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3518073

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ADAM CLAYTON POWELL IV	08/31/2015
SOOBHANKAR PATI	08/25/2015
UDAY B. PAL	08/27/2015
STEPHEN JOSEPH DEREZINSKI	08/31/2015
ROBERT STEVE TUCKER	09/09/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	INFINIUM, INC.
<b>Street Address:</b>	3 HURON DRIVE
<b>City:</b>	NATICK
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01760-1334
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13592211
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)526-5000
<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>	617-526-6715
<b>Email:</b>	james.coughlan@wilmerhale.com
<b>Correspondent Name:</b>	JAMES F. COUGHLAN
<b>Address Line 1:</b>	60 STATE STREET
<b>Address Line 2:</b>	WILMERHALE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	2207100.130US2
<b>NAME OF SUBMITTER:</b>	JAMES F. COUGHLAN
<b>SIGNATURE:</b>	/James F. Coughlan/
<b>DATE SIGNED:</b>	09/09/2015
<b>Total Attachments: 7</b>	

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## ASSIGNMENT

WHEREAS, the undersigned, to wit:

Adam Clayton POWELL, IV residing at 3 Huron Drive, Natick, Massachusetts 01760;  
Soobhankar PATI residing at A24 Pallaspalli, Bhubaneswar, Odisha – 751020, India;  
Uday B. PAL residing at 2 Old Meadow Road, Dover, Massachusetts 02030;  
Stephen Joseph DEREZINSKI residing at 21 Pine Plain Road, Wellesley,  
Massachusetts 02481-1143;  
Robert Steve TUCKER residing at 49 East 12<sup>th</sup> Street, New York, NY. 10003-4653

(hereinafter collectively ASSIGNORS), have made a certain new and useful invention  
as set forth in an application for United States Letters Patent, entitled:

**“LIQUID ANODES AND FUELS FOR PRODUCTION OF METALS FROM THEIR  
OXIDES BY MOLTEN SALT ELECTROLYSIS WITH A SOLID ELECTROLYTE”**

- (a) ☐ which is being filed herewith in the United States Patent and Trademark Office;
- (b) ☒ which was filed as U.S. Patent Application No. 13/592211  
on August 22, 2012 ;

AND WHEREAS, Infinium, Inc. (hereinafter ASSIGNEE), a corporation organized and  
existing under the laws of the Commonwealth/State of Delaware, and having its principal place  
of business at 3 Huron Drive, Natick, Massachusetts 01760-1334, is desirous of acquiring the  
entire right, title, and interest in and to said invention and any and all patents that may be  
obtained therefor, and in and to said application and any and all patents that may issue  
therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency  
of which is hereby acknowledged, ASSIGNORS do hereby sell, assign, transfer, and set over  
unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and  
interest in and to said invention throughout the world, and any and all patents of the United  
States and foreign countries that may be obtained therefor, including the right to sue for past  
infringement and obtain past damages, and in and to said application, including any and all  
continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and  
extensions thereof, and any and all patents of the United States and foreign countries that may  
issue therefrom, such right, title, and interest including the right to file applications and obtain  
patents, utility models, industrial models, and designs for said invention in the name of said  
ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including  
all rights of priority, all rights to publish cautionary notices reserving ownership of said  
invention, and all rights to register said invention in appropriate registries;

ASSIGNORS also do hereby covenant that they have the full right to convey the entire  
right, title, and interest herein assigned, and that they have not and will not execute any  
agreement in conflict herewith;

ASSIGNORS also do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNORS also do hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest in said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and foreign countries that may issue therefrom said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

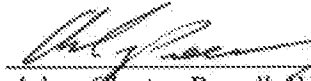
ASSIGNORS also do hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

WILMER CUTLER PICKERING HALE AND DORR LLP

All practitioners at Customer Number 23483.

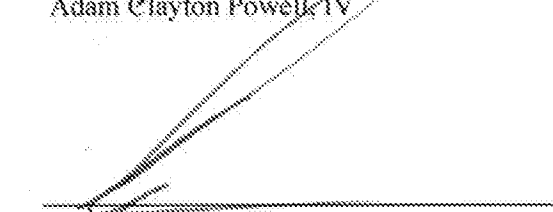
This ASSIGNMENT is effective as of August 22, 2012 .

August 31, 2015  
Date

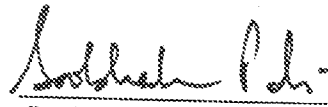
  
Adam Clayton Powell IV

Witness:

  
Date

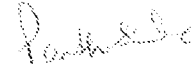


25/8/2015  
Date

  
Soobhankar Pati

Witness: Partha Sorekha &

25/8/15  
Date



08/27/15  
Date

Uday B. PAL  
Uday B. PAL

Witness:

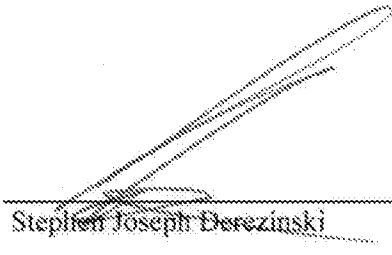
08/27/15  
Date

[Signature]

Date

8/31/15

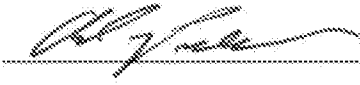
Stephen Joseph Derezinski



Witness:

Date

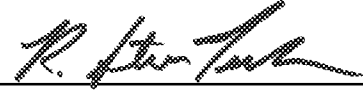
August 31, 2015





9/9/2015

Date



Robert Steve Tucker

Witness:

9/9/2015

Date



Michael Anthony Tamburro