503119764 12/30/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3166372

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIAH A. SMITH	12/19/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	12543495
Patent Number:	8795903

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DATE SIGNED:	12/30/2014

Total Attachments: 3

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PATENT 503119764 REEL: 034604 FRAME: 0411

<u>ASSIGNMENT</u>

We, Marshall C. Smart, residing in the United States of America with a mailing address at 12732 Sarah Street, Studio City, CA 91604,

Kiah A. Smith, residing in the United States of America with a mailing address previously at 7055 Presidio Dr., Unit E, Milwaukee, WI 53223, and currently at 1523 Grandview Ave. E., Maplewood, MN 55109, and

Ratnakumar V. Bugga, residing in the United States of America with a mailing address at 160 West Floral Avenue, Arcadia, CA 91006,

hereby sell and assign or confirm to have sold and assigned for good and valuable consideration, the receipt of which we hereby acknowledge,

to CALIFORNIA INSTITUTE OF TECHNOLOGY, an entity having its principal place of business in the United States of America at 1200 E. California Blvd., MC 210-85, Pasadena, CA 91125

hereinafter referred to as the assignee, its successors, assigns and nominees, our entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the "LITHIUM-ION ELECTROLYTES CONTAINING FLAME RETARDANT ADDITIVES FOR INCREASED SAFETY CHARACTERISTICS"

invented by us, as described and/or claimed in U.S. Provisional Application Nos. 61/189,415, filed on August 19, 2008, 61/201,842, filed on December 16, 2008, and 61/442,428, filed on February 14, 2011; in the corresponding U.S. Patent Application No. 12/543,495, filed on August 18, 2009 and issued as U.S. Patent No. 8,795,903 on August 5, 2014; and in any other related patent applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, reissues, continuations, continuations-in-part and extensions of said U.S. Patent Application, including the related continuation-in-part U.S. Patent Application No. 13/396,322, filed on February 14, 2012; and any and all International patent applications related to said U.S. Provisional Application No. 61/189,415, U.S. Provisional Application No. 61/201,842, U.S.

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Attorney Docket No: P1599-US

Provisional Application No. 61/442,428, U.S. Patent Application No. 12/543,495, U.S. Patent Application No. 13/396,322 and/or U.S. Patent No. 8,795,903, and authorize and request any officials whose duty it is to issue patents, to issue any patent on said "LITHIUM-ION ELECTROLYTES CONTAINING FLAME RETARDANT ADDITIVES FOR INCREASED SAFETY CHARACTERISTICS" and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at		
	City	Country
On	·	-
Date		
	Inventor Name: Mars	hall C. Smart
	Inventor Signature	
Witnessed by:		
Witness Name:	Signature	
Witness Name:	Signature	

Subscribed and executed at M	aplewood.MN	USA	
	City	Country	
On 17/19/14 Date		• • • • • • • • • • • • • • • • • • •	
Date	Talifa akad Khadaa (2) a b	A CRAITLI	
	inventor ivame: <u>Kiar</u>	ı A. SMITH	
	Inventor Signature <u>/</u>		200
Witnessed by:			
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Witness Name:	Signature	<u>a</u>	
Witness Name:	Signature	P	
Subscribed and executed at	\$2.5.		
On	Спу	Country	
On Date			
	Inventor Name: Rat	nakumar V. Bugga	
	Inventor Signature		
Witnessed by:			
Witness Name:	Signature	3	
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Witness Name	Signatur	e.	

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