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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOUSUKE HARA	10/27/2017
TAKESHI YAMASHITA	11/02/2017
SATOKO UEDA	10/30/2017
KOUJI KOGURE	11/07/2017

RECEIVING PARTY DATA

Name:	HITACHI CHEMICAL COMPANY, LTD.
Street Address:	9-2, MARUNOUCHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-6606

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15710859

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	20374-141614-US
NAME OF SUBMITTER:	ALAN E. SCHIAVELLI
SIGNATURE:	/Alan E. Schiavelli/
DATE SIGNED:	01/05/2018

Total Attachments: 2

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> PATENT REEL: 044545 FRAME: 0359

ASSIGNMENT

VVII	ereas, I/we,		
	Name	<u>Address</u>	
1)	Kousuke HARA	c/o Hitachi Chemical Company, Ltd., 9-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-6606 Japan	
2)	Takeshi YAMASHITA	c/o Hitachi Chemical Company, Ltd., 9-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-6606 Japan	
3)	Satoko UEDA	c/o Hitachi Chemical Company, Ltd., 9-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-6606 Japan	
4)	Kouji KOGURE	c/o Hitachi Chemical Company, Ltd., 9-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-6606 Japan	

hereinafter called assignor(s), have invented certain improvements in

BISPHENOL-BASED RESIN, ELECTRODE, LEAD STORAGE BATTERY, PRODUCTION METHODS FOR THESE, AND RESIN COMPOSITION

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

September 21, 2017 , Serial No. 15/710859 filed on Whereas HITACHI CHEMICAL COMPANY, LTD. 9-2, Marunouchi 1-chome,

Chiyoda-ku, Tokyo 100-6606 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which 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, its 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, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its 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, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its 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, its successors and assigns.

In the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filling date and/or serial number above, and to record this Assignment after such information is added.

	INVENTORS	<u>DATE SIGNED</u>
1):	Kousuke Hara	October 27, 2017
Name:	Kousuke HARA	
2):	Takeshi Yamashita	November 2, 2017
Name:	Takeshi YAMASHITA	

3):	Satle Cleak	October 30, 2017
Name:	Satoko UEDA	
4):	Kouji Kogure	Nobember 7, 2017
Name:	Kouji KOGURE	