505022132 07/26/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5068880

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATSUYA SODE	02/19/2018
TORU SUGAHARA	02/19/2018
TAKASHI ANDO	02/19/2018

RECEIVING PARTY DATA

Name:	TORAY INDUSTRIES, INC.	
Street Address:	1-1, NIHONBASHI-MUROMACHI 2-CHOME	
Internal Address:	CHUO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	103-8666	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15767503

CORRESPONDENCE DATA

Fax Number: (610)407-0700

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Address Line 2: **RATNERPRESTIA**

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ATTORNEY DOCKET NUMBER:	TOR-366US	
NAME OF SUBMITTER:	STEPHEN D. HARPER, REG. NO. 33,243	
SIGNATURE:	/Stephen D. Harper/	
DATE SIGNED:	07/26/2018	

Total Attachments: 2

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> **PATENT** REEL: 046470 FRAME: 0990 505022132

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COMBINED DECLARATION/ASSIGNMENT - Patent Application		Docket Number: TOR-366US		
Whereas, the Ass	ignor, co	mprising the following named inver	itors:	
ASSIGNOR(s)/ INVENTOR(s)	1. Kat	atsuya Sode		2. Toru Sugahara
	3. Tak	kashi Ando		4.
	-5.			6.
made an invention	entitled:	CARBON SHEET, GAS DIE		ON ELECTRODE SUBSTRATE,
for which an applic (Select one of the fo		Letters Patent of the United State	s (the /	Application):
was filed in t	he U.S. I	ently herewith Patent and Trademark Office on cation Serial No.:		
ASSIGNEE (Full Name and Ad	ldress)	Toray Industries, Inc. 1-1, Nihonbashi-Muromachi 2-6 Chuo-ku Tokyo 1038666 JAPAN	home	:

desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

Now, therefore, in consideration of the payment by Assignee to Assignor of a sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, intending to be legally bound, hereby sells, assigns and transfers to Assignee, its successors and assigns, the full and exclusive right, title and interest in and to said invention, all applications for Letters Patent for said invention, including the Application, all divisions, continuations, and continuations-in-part thereof and non-provisional applications claiming priority thereto, all rights to claim priority based thereon, and all Letters Patent, including reissues, to be obtained therefor, including any and all foreign patent rights in this invention corresponding thereto and authorizes Assignee to file such applications for Letters Patent in the United States and any and all other countries.

Assignor hereby warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor agrees it shall be legally bound, upon request of the Assignee or its successors or assigns or a legal representative thereof, to supply all information and evidence of which the Assignor has knowledge or possession, relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention in the United States of America and foreign countries in the name of the Assignee, and to execute all instruments proper to carry out the intent of this instrument.

If the invention requires a biological deposit, Assignor also grants to Assignee such control over any deposit made by Assignor as may be necessary to the validity of the patent rights assigned herein.

Assignor authorizes Assignee's attorney to insert the serial number and filing date of the aforesaid application for United States Letters Patent and/or the Attorney Docket or file designation for this application if not identified above.

If the Assignor includes more than one individual, these obligations shall apply to these individuals both individually and collectively.

In witness whereof, this Assignment is executed on the day indicated below.

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COMBINED DECLARATION/ASSIGNMENT - Patent Application

Docket Number TOR-366US

Declaration:

Note to Inventor: 37 C.F.R. § 1.63(c) states: "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56."

As a below named inventor, I declare that the Application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

	Typed or Printed Name	Signature	Date		
	1. Katsuya Sode	Katsura Sode	Feb. 19,2018		
		* Witness			
	2. Toru Sugahara	Toru Sugahara	Feb. 19, 2018		

		* Witness			
	3. Ţakashi Ando	Takashi Ando	Feb. 19, 2018		
SIGNATURE		* Witness			
	4.				
		* Witness	•••••		
	5.				
		*Witness			
	6				

		* Witness			

Application for U	Inited States	Letters	Patent:
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Serial No.:

15/767,503

Filed:

April 11, 2018

Attorney Docket Number:

TOR-366US

Total Number of Assignment Pages

* Wilness signature recommended, mandatory for some countries

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RECORDED: 07/26/2018