

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4690454

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SECOND INVENTOR'S NAME previously recorded on Reel 043883 Frame 0674. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
MASAKAZU YAMAGIWA	09/04/2017
YUKI KUDO	09/04/2017
AKIHIKO ONO	09/04/2017
SATOSHI MIKOSHIBA	09/04/2017
JUN TAMURA	09/04/2017
RYOTA KITAGAWA	09/04/2017
YOSHITSUNE SUGANO	09/04/2017
EISHI TSUTSUMI	09/10/2017
ASAHI MOTOSHIGE	09/04/2017
TAKAYUKI TSUKAGOSHI	09/04/2017

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-Ku
City:	Tokyo
State/Country:	Japan
Postal Code:	105-8001

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15694199

CORRESPONDENCE DATA

Fax Number: (703)413-2220

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.

Phone: (703) 413-3000

Email: hcho@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	507059US
NAME OF SUBMITTER:	HYUN CHO
SIGNATURE:	/Hyun Cho/
DATE SIGNED:	11/15/2017

Total Attachments: 12

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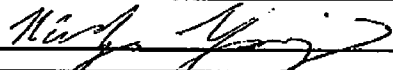
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15694199
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
Phone:	(703) 413-3000
Email:	mvukovic@oblton.com
<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>	
Correspondent Name:	OBLON, ET AL.
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	507059US
NAME OF SUBMITTER:	MARA VUKOVIC
Signature:	/Mara Vukovic/
Date:	10/17/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 10 source=507059USASSN#page1.tif source=507059USASSN#page2.tif source=507059USASSN#page3.tif source=507059USASSN#page4.tif source=507059USASSN#page5.tif source=507059USASSN#page6.tif source=507059USASSN#page7.tif source=507059USASSN#page8.tif source=507059USASSN#page9.tif source=507059USASSN#page10.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT4644191
Receipt Date:	10/17/2017

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	ELECTROCHEMICAL REACTION DEVICE
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>15/694,199</u> filed on <u>September 1, 2017</u>	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
WHEREAS, <u>KABUSHIKI KAISHA TOSHIBA</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: <u>Masakazu YAMAGIWA</u>	Date: <u>Sept. 04, 2017</u>
Signature: 	

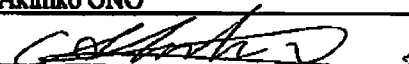
OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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LEGAL NAME OF INVENTOR	
Inventor: <u>Yuki KUDO</u>	Date: <u>Sep. 9. 2017</u>
Signature: <u>Yuki Kudo</u>	

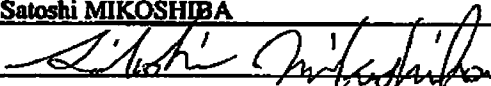
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LEGAL NAME OF INVENTOR		
Inventor:	<u>Akihiko ONO</u>	Date: <u>Sep. 1, 2017</u>
Signature:		

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LEGAL NAME OF INVENTOR	
Inventor: <u>Satoshi MIKOSHIBA</u>	Date: <u>Sep. 4, 2017</u>
Signature: <u></u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Jun TAMURA</u>	Date: <u>SEP. 4, 2017</u>
Signature: <u>Jun Tamura</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Ryota KITAGAWA</u>	Date: <u>4. Sep. 2017</u>
Signature: <u>Ryota Kitagawa</u>	


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LEGAL NAME OF INVENTOR	
Inventor: <u>Yoshitsune SUGANO</u>	Date: <u>Sep. 4, 2017</u>
Signature: <u>Yoshitsune Sugano</u>	

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WHEREAS, <u>KABUSHIKI KAISHA TOSHIBA</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 Japan</u> , is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;	
NOW, THEREFORE , in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.	
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.	
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.	
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.	
LEGAL NAME OF INVENTOR	
Inventor: <u>Eishi TSUTSUMI</u>	Date: <u>Sep 10, 2017</u>
Signature: <u></u>	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	ELECTROCHEMICAL REACTION DEVICE
As the below named inventor, I hereby declare that:	
This declaration <input type="checkbox"/> The attached application, or	
is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>15/694,199</u> filed on <u>September 1, 2017</u> .	
The above-identified application was made or authorized to be made by me.	
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
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LEGAL NAME OF INVENTOR	
Inventor: <u>Asahi MOTOSHIGE</u>	Date: <u>Sep. 09, 2017</u>
Signature: <u>Asahi Motoshige</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Takayuki TSUKAGOSHI</u>	Date: <u>Sep. 4, 2017</u>
Signature: <u>Takayuki Tsukagoshi</u>	

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PATENT