504823007 03/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4869742

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ATSUSHI IGAWA	02/07/2018
TAKUMI ICHIMURA	02/07/2018
GAKU MATSUOKA	02/07/2018
NORIHIRO WADA	02/13/2018

RECEIVING PARTY DATA

Name:	NIPPON KODOSHI CORPORATION	
Street Address:	648, HIROOKA-KAMI, HARUNO-CHO	
City:	KOCHI-SHI, KOCHI	
State/Country:	JAPAN	
Postal Code:	781-0395	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15760705	

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: afeldman@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	510864US
NAME OF SUBMITTER:	ABIGAIL FELDMAN
SIGNATURE:	/Abigail Feldman/
DATE SIGNED:	03/16/2018

Total Attachments: 4

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PATENT 504823007 REEL: 045251 FRAME: 0993

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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	SEPARATOR FOR ELECTROCHEMICAL ELEMENT AND ELECTROCHEMICAL ELEMENT			
As the below name	d inventor, I hereby declare that:			
This declaration [The attached application, or			
is directed to:	is directed to: United States application or PCT international application number PCT/JP2016/078402 filed on September 27, 2016			
The above-identifie	ed 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, NIPPON KODOSHI CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 648, Hirooka-Kami, Haruno-cho, Kochi-shi Kochi 781-0395 Japan, 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: Atsush	i IGAWA Date: February 7, 2018			
Signature: A+9	sushi IGAWA			

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

	Υ		~~~~	
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I believe that I am	the original inventor or an original joint inventor of a	claimed inve	ention in the a	application.
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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.				
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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.				
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LEGAL NAME OF INVENTOR				
Inventor: Takum	i ICHIMURA	Date:	Fehman	7. 2018
Signature: Taki	um; IHINURA	de montron		

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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I believe that I am t	he original inventor or an original joint inventor	of a claimed invention in the application.		
(hereinafter referred Kochi 781-0395 Ja	<u>pan</u> , is desirous of acquiring the entire right, to that may be granted therefore in the United S	es at: 648, Hirooka-Kami, Haruno-cho, Kochi-shi tle and interest in and to said invention and in and states and its territorial possessions and in any and		
acknowledged, and said ASSIGNEE, the and in all foreign of other relevant Inter- interest in and to a	for other good and valuable consideration, I, I ne full and exclusive right to the said invention ountries (including the right to claim priority un national Treaties and Arrangements from the a my and all Letters Patent which may be granted any and all foreign countries and in and the	OCLLARS (\$5.00), the receipt whereof is hereby by these presents do sell, assign and transfer unto in the United States and its territorial possessions ander the terms of the International Convention and foresaid application) and the entire right, title and ed therefor in the United States and its territorial o any and all divisions, reissues, continuations,		
any and all foreign assignee of my enti (his) successors and	countries to issue any and all of said Letters ire right, title and interest in and to the same, for	Petent, when granted, to said ASSIGNEE as the or the sole use and behoof of said ASSIGNEE, its a said Letters Patent may be granted, as fully and ent 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.				
	rledge that any willful false statement made in the ment of not more than five (5) years, or both.	his declaration is punishable under 18 U.S.C. 1001		
LEGAL NAME OF	INVENTOR			
Inventor: Gaku M	IATSUOKA	Date: February 2. 20/8		
Signature: Ga	kn MATSUOKA			

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

RECORDED: 03/16/2018

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This declaration	The attached application, or			
is directed to:	United States application or PCT international applifiled on September 27, 2016	cation nun	nber PCT/JP2016/078402	
The above-identifie	ed application was made or authorized to be made by r	ne.		
I believe that I am t	the original inventor or an original joint inventor of a c	claimed in	vention in the application.	
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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	FINVENTOR	APPEN STORY CONTRACTOR		
Inventor: Norihir	o WADA	Date:	February 13, 2018	
Signature: \sqrt{a}	orihiro Wada		/ '	

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

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