

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3184323

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKUYA OOTANI	01/06/2015
NAOTO NISHIMURA	01/06/2015
AKIHITO YOSHIDA	01/06/2015
HIROTAKA MIZUHATA	01/06/2015
SHOUGO ESAKI	01/06/2015
SHUMPEI NISHINAKA	01/06/2015
SATOSHI ARIMA	01/07/2015
RECEIVING PARTY DATA	
Name:	SHARP KABUSHIKI KAISHA
Street Address:	22-22, Nagaike-cho, Abeno-ku, Osaka-shi
City:	Osaka
State/Country:	JAPAN
Postal Code:	545-8522
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14411765
CORRESPONDENCE DATA	
Fax Number:	(216)621-6165
<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>	
Phone:	2166211113
Email:	carndt@rennerotto.com
Correspondent Name:	MARK D SARALINO
Address Line 1:	RENNER, OTTO, BOISSELLE & SKLAR, LLP
Address Line 2:	1621 EUCLID AVENUE, NINETEENTH FLOOR
Address Line 4:	CLEVELAND, OHIO 44115
ATTORNEY DOCKET NUMBER:	NOGAP0144WOUS
NAME OF SUBMITTER:	MARK D. SARALINO
SIGNATURE:	/Mark D. Saralino/
DATE SIGNED:	01/15/2015

PATENT

Total Attachments: 15

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COMBINED DECLARATION AND ASSIGNMENT USING APPLICATION DATA SHEET (37 CFR 1.76)
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT)

Title: TAPE-SHAPED ELECTRODE, METAL-AIR BATTERY EMPLOYING SAME, AND USED TAPE-SHAPED ELECTRODE REDUCING DEVICE

I. DECLARATION

As a below named inventor or joint inventor, I hereby declare that:

This declaration is directed to:

U.S. Application No. 14/411,765

Filing Date: 29 December 2014

(a) _____ the attached application, or

(b) _____ United States application or PCT international application number PCT/JP2013/068332
filed on July 4, 2013

The above-identified application was made or authorized by me.

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

I hereby state that I have reviewed and understand the contents of the above-identified application.

I hereby acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

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

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(c) _____ no such application have been filed.

(d) _____ such applications have been filed as follows.

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119		
Japan	2012-150684	04/07/2012	✓	Yes	No
				Yes	No
				Yes	No

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

ASSIGNEE:

SHARP KABUSHIKI KAISHA 22-22, Nagaïke-cho Abeno-ku, Osaka-shi Osaka, Japan 545-8522
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Including:

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I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

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I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

Full Name of Sole or First Inventor and Assignor:		Takuya OOTANI	
Inventor's signature:	<i>Takuya Ootani</i>	Date:	1 / 6 / 20 / 5
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Second Inventor and Assignor:		Naoto NISHIMURA	
Inventor's signature:		Date:	
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Third Inventor and Assignor:		Akihito YOSHIDA	
Inventor's signature:		Date:	
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Fourth Inventor and Assignor:		Hirotaka MIZUHATA	
Inventor's signature:		Date:	
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Fifth Inventor and Assignor:		Shougo ESAKI	
Inventor's signature:		Date:	
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

CHECK FOR ANY OF THE FOLLOWING ADDED PAGE(S) WHICH
FORM A PART OF THIS COMBINED DECLARATION AND ASSIGNMENT

☒ Signature for sixth and subsequent joint inventors and assignors; number of pages added 4

☐ Added page to this combined declaration and assignment for divisional, continuation, or
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Full Name of Sole or First Inventor and Assignor:		Takuya OOTANI	
Inventor's signature:		Date:	
Post Office Address:	c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan		

Full Name of Second Inventor and Assignor:		Naoto NISHIMURA	
Inventor's signature:	<i>Naoto Nishimura</i>	Date:	Jan. 6, 2015
Post Office Address:	c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan		

Full Name of Third Inventor and Assignor:		Akihito YOSHIDA	
Inventor's signature:	<i>Akihito Yoshida</i>	Date:	Jan. 6, 2015
Post Office Address:	c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan		

Full Name of Fourth Inventor and Assignor:		Hirotaka MIZUHATA	
Inventor's signature:	<i>Hirotaka Mizuhata</i>	Date:	Jan. 6, 2015
Post Office Address:	c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan		

Full Name of Fifth Inventor and Assignor:		Shougo ESAKI	
Inventor's signature:		Date:	
Post Office Address:	c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan		

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____ Signature for sixth and subsequent joint inventors and assignors; number of pages added ____

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Inventor's signature:		Date:	
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Second Inventor and Assignor:		Naoto NISHIMURA	
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Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

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Inventor's signature:		Date:	
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Full Name of Fifth Inventor and Assignor:		Shougo ESAKI	
Inventor's signature:	<i>Shougo Esaki</i>	Date:	January 6, 2015
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

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RENNER OTTO (SHARP)

PATENT (US)

Full Name of Sixth Inventor and Assignor:		Shumpel NISHINAKA	
Inventor's signature:	<i>Shumpel Nishinaka</i>	Date:	11/6/2015
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Seventh Inventor and Assignor:		Satoshi ARIMA	
Inventor's signature:		Date:	
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Eighth Inventor and Assignor:			
Inventor's signature:		Date:	
Post Office Address:			

Full Name of Ninth Inventor and Assignor:			
Inventor's signature:		Date:	
Post Office Address:			

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The above-identified application was made or authorized by me.

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

I hereby state that I have reviewed and understand the contents of the above-identified application.

I hereby acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

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

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(c) _____ no such application have been filed.

(d) _____ such applications have been filed as follows.

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC §119		
Japan	2012-150684	04/07/2012	✓	Yes	No
				Yes	No
				Yes	No

II. ASSIGNMENT

As a below named assignor, for good and valuable consideration acknowledged and received I hereby sell and assign my entire worldwide right, title and interest in the application and the invention(s), so far as concerns the United States and the Territories and Possessions thereof to:

ASSIGNEE:

SHARP KABUSHIKI KAISHA 22-22, Nagaïke-cho Abeno-ku, Osaka-shi Osaka, Japan 545-8522
--

Including:

any and all related patent application(s) in the United States, including continuations, continuations-in-part, divisionals, conversions, renewals, substitutes, reissues, reexaminations, extensions, non-provisional applications, and other applications based in whole or in part upon the invention(s) or upon the application(s);

any and all Letters Patent, renewals, reissues, reexamination certificates and extensions of Letters Patent granted for the invention(s) or upon the application(s); and

every priority right that is or may be predicated upon or arise from the invention(s), the application(s) and the Letters Patent.

I additionally authorize the Assignee to file patent applications in my or the Assignee's name for Letters Patent in any country (by international convention, treaty or otherwise), to be held and enjoyed by the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent respectively may be granted, reissued, reexamined or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this Assignment and transfer not been made.

I hereby covenant that I have the full right to convey the entire interests herein assigned, and that I have not executed and will not execute any agreement in conflict herewith and that such assigned rights are not encumbered by any grant, license or other right previously given.

I agree that each time a request is made, and without undue delay, I will execute and deliver all such papers as may be necessary or desirable to perfect the title in and to the invention(s), the application(s) and the Letters Patent, to the Assignee, its successors or assigns.

I agree, without undue delay, to undertake all reasonable acts to assure that said invention(s), patent application(s) and Letters Patent shall be held and enjoyed by the Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly: to execute and deliver to the Assignee all lawful documents including petitions, specifications, oaths, declarations, powers of attorney, assignments, invention disclaimers and lawful affidavits in form and substance which may be requested by the Assignee; to furnish the Assignee with all facts relating to said invention(s) or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said invention(s); and to testify in any proceedings relating to said invention(s), patent application(s) and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this document when that information becomes available.

Full Name of Sixth Inventor and Assignor:		Shumpei NISHINAKA	
Inventor's signature:		Date:	
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Seventh Inventor and Assignor:		Satoshi ARIMA	
Inventor's signature:	Satoshi Arima	Date:	Jan. 7, 2015
Post Office Address:		c/o Sharp Kabushiki Kaisha, 22-22, Nagaike-cho, Abeno-ku, Osaka-shi Osaka 545-8522 Japan	

Full Name of Eighth Inventor and Assignor:			
Inventor's signature:		Date:	
Post Office Address:			

Full Name of Ninth Inventor and Assignor:			
Inventor's signature:		Date:	
Post Office Address:			

Full Name of Tenth Inventor and Assignor:			
Inventor's signature:		Date:	
Post Office Address:			

☒ This combined declaration and assignment ends with this page.