

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5417776

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	YU SUGIOKA	02/25/2019
	MASAHIRO KUROIWA	02/07/2019
	NAOYA KAWASAWA	02/12/2019
RECEIVING PARTY DATA		
Name:	MAXELL HOLDINGS, LTD.	
Street Address:	1, KOIZUMI, OYAMAZAKI, OYAMAZAKI-CHO	
City:	OTOKUNI-GUN, KYOTO	
State/Country:	JAPAN	
Postal Code:	618-8525	
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:	16332252	
CORRESPONDENCE DATA		
Fax Number:	(703)205-8050	
<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:	7032058000	
Email:	mailroom@bskb.com, phillip.tashjian@bskb.com	
Correspondent Name:	BIRCH, STEWART, KOLASCH & BIRCH, LLP.	
Address Line 1:	8110 GATEHOUSE ROAD, SUITE 100E	
Address Line 4:	FALLS CHURCH, VIRGINIA 22040-0747	
ATTORNEY DOCKET NUMBER:	5271-0339PUS1	
NAME OF SUBMITTER:	PHILLIP R. TASHJIAN	
SIGNATURE:	/Phillip R. Tashjian/	

DATE SIGNED:	03/12/2019
Total Attachments: 6 source=2019-03-12_AssignmentAsfiled_5271-0339PUS1#page1.tif source=2019-03-12_AssignmentAsfiled_5271-0339PUS1#page2.tif source=2019-03-12_AssignmentAsfiled_5271-0339PUS1#page3.tif source=2019-03-12_AssignmentAsfiled_5271-0339PUS1#page4.tif source=2019-03-12_AssignmentAsfiled_5271-0339PUS1#page5.tif source=2019-03-12_AssignmentAsfiled_5271-0339PUS1#page6.tif	

BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road, Suite 100 East, Falls Church, Virginia 22042-1248
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

**DECLARATION AND ASSIGNMENT
FOR PATENT AND DESIGN APPLICATIONS**

UNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS
(MULTIPLE ASSIGNEES)

Title of Invention ⇨ SEPARATOR AND NON-AQUEOUS ELECTROLYTE BATTERY

As a below named inventor (hereinafter designated as the undersigned), I hereby declare that:

This declaration is directed to the application attached hereto.

Application not Attached ⇨ If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

Enter Appln. No. ⇨ United States Application Number or PCT International Appln. No. PCT/JP2018/009917

Enter Filing Date ⇨ filed on March 14, 2018.

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.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

Insert Names of Assignees ⇨ WHEREAS, MAXELL HOLDINGS, LTD.; and NIPPON KODOSHI CORPORATION
(hereinafter designated as Assignees)

Insert Addresses of Assignees ⇨ of 1, Koizumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto 618-8525, Japan; and 648, Hirooka-kami, Haruno-cho, Kochi-shi, Kochi 781-0395, Japan, respectively,

their heirs, successors, legal representatives and assigns are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box if Appropriate ⇨ ☐ in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignees the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; including all rights under the International Convention for the Protection of Industrial Property or similar agreements as well as the right to claim benefit from the priority of the above-mentioned application; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted

in equal undivided amounts unless specific undivided amounts are listed below:

Ownership Interest ⇨ Assignee 1 (____ %); Assignee 2 (____ %); Assignee 3 (____ %).

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignees may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignees in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignees and to vest all rights therein hereby conveyed to said Assignees as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignees, as Assignees of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

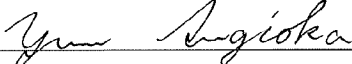
The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

The undersigned hereby acknowledges 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF INVENTOR

Inventor's Name ⇨ Inventor: Yu SUGIOKA Date: Feb, 25th, 2019

Inventor's Signature ⇨ Signature: 

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

☒ Additional inventors are being named on the 1 supplemental sheet(s) attached hereto.
BIRCH, STEWART, KOLASCH & BIRCH, LLP Page 2

BSKB-DEC-ASSIGN-MULTI (11-18)

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

ADDITIONAL INVENTOR(S)
Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇒ Inventor: Masahiro KUROIWA Date: _____

Inventor's Signature ⇒ Signature: _____

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇒ Inventor: Naoya KAWASAWA Date: _____

Inventor's Signature ⇒ Signature: _____

BIRCH, STEWART, KOLASCH & BIRCH, LLP
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Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 • Email: mailroom@bskb.com

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Interest

Assignee 1 (_____%); Assignee 2 (_____%); Assignee 3 (_____%).

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

LEGAL NAME OF INVENTOR

Inventor's Name: Inventor: Yu SUGIOKA Date: _____

Inventor's Signature: Signature: _____

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Page 2

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ADDITIONAL INVENTOR(S)
Supplemental Sheet Page 1 of 1

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: Masahiro KUROIWA Date: February 7, 2019

Inventor's Signature ⇨ Signature: Masahiro Kuroiwa

LEGAL NAME OF JOINT INVENTOR, IF ANY

Inventor's Name ⇨ Inventor: Naoya KAWASAWA Date: February 12, 2019

Inventor's Signature ⇨ Signature: Naoya Kawasawa