

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TOHOKU MURATA MANUFACTURING CO., LTD.	03/28/2018
<b>RECEIVING PARTY DATA</b>	
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<b>State/Country:</b>	JAPAN
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<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15000639
<b>Application Number:</b>	10891673
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<b>SIGNATURE:</b>	/THOMAS C. BASSO/
<b>DATE SIGNED:</b>	04/02/2018
<b>Total Attachments: 3</b>	
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source=SP202644US01_SP195200US00 Assignment TohokuMurata to Murata#page2.tif	
source=SP202644US01_SP195200US00 Assignment TohokuMurata to Murata#page3.tif	

## ASSIGNMENT

WHEREAS, the undersigned, to wit: TOHOKU MURATA MANUFACTURING CO., LTD. (hereinafter "ASSIGNOR"), is the lawful owner of the inventions on the attached List of Applications which were filed with the United States Patent and Trademark Office.

AND WHEREAS, MURATA MANUFACTURING CO., LTD., having its principal office and place of business at 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto 617-8555, JAPAN, (hereinafter "ASSIGNEE") desires to acquire the entire right, title, and interest therein;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, said ASSIGNOR does hereby sell, assign, and transfer, and hereby set over unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest to said invention in the United States of America and all foreign countries, including, without limitation, said invention as described in the aforesaid application, to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by said ASSIGNOR had this assignment and sale not been made, including, without limitation, all rights to the aforesaid application and to any United States Letters Patent therefor, when issued together with all improvements thereon and betterments thereof, all related applications including, but not limited to, divisions, continuations, continuations-in-part, reissues and reexaminations thereof and substitutions of or for said application, and all foreign rights including the right to make application for Letters Patent for said inventions in any and all foreign countries and the right to claim priority as to the filing date under the International Convention on the basis for the aforesaid application for United States Letters Patent; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents to issue all Letters Patent issuing therefrom to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby agrees to execute any papers, provide any information and testify in any interference or litigation at the request of ASSIGNEE, its successors, assigns and legal representatives, when deemed essential to ASSIGNEE's, its successors', assigns' and legal representatives' full enjoyment, protection, enforcement and title in and to such invention and rights hereby transferred.

ASSIGNOR furthermore agrees upon request of said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, to execute any and all papers desired by said ASSIGNEE, its successors, assigns and legal representatives, for the filing and granting of foreign applications and the perfecting of title thereto in said ASSIGNEE, its successors, assigns and legal representatives.

Signature

Date Signed

TOHOKU MURATA MANUFACTURING CO., LTD.

By: 辻 篤

Mar. 28, 2018

Name: Atsushi Tsuji

Title: General Manager, Administration Department

Address: 1-1 Shimosugishita, Takakura, Hiwada-machi, Koriyama-shi  
Fukushima, Japan

### List of Applications

<u>K&amp;L Ref. No.</u>	<u>Serial number</u>	<u>Filing Date</u>	<u>Title</u>
3724795.00174	15/000,639	1/19/2016	ANODE AND BATTERY
3724795.00175	10/891,673	7/15/2004	ELECTROLYTE AND BATTERY USING THE SAME