PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Norihiro Yoshikawa	07/05/2013
Hisao Kawamura	07/05/2013
Ichiro Nakamura	07/08/2013

RECEIVING PARTY DATA

Name:	Murata Manufacturing Co., Ltd. (Corporation of Japan)	
Street Address:	10-1, Higashikotari	
Internal Address:	1-chome	
City:	Nagaokakyo-shi, Kyoto-fu	
State/Country:	JAPAN	
Postal Code:	617-8555	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13940028

CORRESPONDENCE DATA

Fax Number: 2122776500

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-277-6500

Email: ip-docketing-NY@dicksteinshapiro.com

Correspondent Name: Edward A. Meilman, Esq.

Address Line 1: 1633 Broadway

Address Line 2: Dickstein Shapiro LLP

Address Line 4: New York, NEW YORK 10019

Signature:	/Edward A. Meilman/	
NAME OF SUBMITTER:	Edwa	
ATTORNEY DOCKET NUMBER:	M1071.3262	

502416607 REEL: 030782 FRAME: 0081

13940028

Date:	07/11/2013
Total Attachments: 2 source=assignment M1071 3262#page1.tif source=assignment M1071 3262#page2.tif	

PATENT REEL: 030782 FRAME: 0082

PATENT APPLICATION ASSIGNMENT SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

FILE NO. M1071.3262

WHEREAS, we, Norihiro Yoshikawa; Ichiro Nakamura; and Hisao Kawamura, as assignors, have invented certain improvements in SEPARATOR FOR POWER STORAGE DEVICE AND POWER STORAGE DEVICE for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd. (Corporation of Japan) address: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 5 July 20	Norihiro Yoshikawa
	Norihiro Yoshikawa
Date:	
	Ichiro Nakamura
Date: 5 July,	2018 Hisao Kawamura
	Hisao Kawamura

LEGALIZATION RECOMMENDED

Document Number: 541775

PATENT APPLICATION ASSIGNMENT SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

FILE NO. M1071.3262

WHEREAS, we, Norihiro Yoshikawa; Ichiro Nakamura; and Hisao Kawamura, as assignors, have invented certain improvements in SEPARATOR FOR POWER STORAGE DEVICE AND POWER STORAGE DEVICE for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd. (Corporation of Japan) address: 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu 617-8555, Japan, as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date:	
	Norihiro Yoshikawa
Date: 8 July, 2013	Iching nakamura
,	Ichiro Nakamura
Date:	
	Hisao Kawamura
LEGALIZATION RECOMMENDED	

Document Number: 541775

PATENT REEL: 030782 FRAME: 0084

RECORDED: 07/11/2013