PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Tatsuya HOSOTANI | 01/13/2011 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13006527 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 36856.2136 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | Michelle Rhodes |

Total Attachments: 1

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OP \$40.00 130

PATENT REEL: 025638 FRAME: 0980

Attorney Docket No.: 36856.2136

ASSIGNMENT (WORLDWIDE)

| have invented and own a certain invention | JPPLY APPARATUS for which application | |
|---|---|--|
| executed on even date here x filed on 01/14/11 as S | | |
| WHEREAS, Murata Manufacturing Co., Ltd., 10-1, Higashikotari 1-chome, Nagaokakyo-shi, Kyoto-fu Japan 617-8555 (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor; NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property. | | |
| ASSIGNOR hereby covenants the encumbrance has been or will be made of assignment and sale; | at no assignment, sale, agreement or or entered into which would conflict with this | |
| ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof. | | |
| Dated: <u>January 13,2011</u> | Tatsuye Hosotane Tatsuya MOSOTANI | |
| Dated: | | |

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