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U.S. PATENT AND TRADEMARK OFFICE

| 700044252 | REEL: 013979 FRAME: 0449 |
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| Box A Washingt | nissioner for Patents ssignment on, D.C. 20231 PATENT |
| Т | otal number of pages comprising cover sheet, attachments and document: 2 |
| To the best of my knowledge and belief, the foregoing information is true Joseph R. Keating, Reg. No. 37,368 Name of Person Signing | and correct and any attached copy is a true copy of the original document. September 16, 2003 ature Date |
| 9. Statement and signature. | |
| DO NOT US | E THIS SPACE |
| | 8. Deposit account number: 50-1353 |
| Name: <u>Joseph R. Keating, Esq.</u> Internal Address: <u>KEATING & BENNETT LLP</u> Street Address: <u>10400 Eaton Place, Suite 312</u> City: <u>Fairfax State: VA ZIP 22030</u> | Enclosed Authorized to be charged to credit card with Credit Card Payment Form (PTO-2038) Authorized to be charged to deposit account |
| | 7. Total fee (37 CFR 3.41): |
| Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: one |
| Additional numbers at | tached 🗆 yes 🔹 🗠 no |
| A. Patent Application No.(s) 09/928,823 | B. Patent No.(s) |
| 4. Application number(s) or patent number(s): 09/928,823 If this document is being filed together with a new application, the execution | on date of the application is: |
| Execution Date: August 20, 2001 | |
| Assignment Agreement Change of Name | NameAddress: |
| B. Name of Conveyance: | (2b.) Name |
| Tsuyoshi UMEMOTO Additional name(s) of conveying party(ies) attached? ロ yes 図no | Name: <u>Murata Manufacturing Co., Ltd.</u> Address: <u>26-10 Tenjin 2-chome, Nagaokakyo-shi, Kyoto-fu 617-8555,</u> Japan |
| Name of conveying party(ies): Kenji NAITO, Hisashi TAKIGUCHI, Masaru OMURA, Tadao NAGAI, Masahiko KITAMOTO, and | Name and address of receiving party(ies): (2a.) |
| the Honorable Commissioner of Patents and Trademarks; Please record the attached original do | currents or copy thereof. |
| RECORDATION FOR PATENT | S ONLY |

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PATENT APPLICATION ASSIGNMENT -SOLE OR JOINT INVENTORS EXECUTED OUTSIDE U.S.A. OFGS FILE NO. <u>P/1071-1419</u>

WHEREAS, We, Kenji NAITO, Hisashi TAKIGUCHI, Masaru OMURA, Tadao NAGAI, Masahiko KITAMOTO and Tsuyoshi UMEMOTO as assignors, have invented certain improvements in FLYBACK TRANSFORMER for which an application for United States Letters Patent has been executed by us of even date herewith; and

WHEREAS, Murata Manufacturing Co., Ltd., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyotofu 617-6555 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, horeby 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 assignce herein, as assignee of the entire interest Lherein; 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 overything 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.

| Dale: | 8/20/2001 | Kenji Naito |
|----------|-------------------|--|
| Date: | 8/20/200/ | Kenji NAITO Asesti Jakon Hisashi PAKIGUCHI |
| Date: | 8/20/2001 | Masaru Omina |
| Date: | 8/20/200/ | Masarij OMURA <u>Jadao Nagai</u> Tadao NAGAI |
| Date: | 8/20/2001 | Masahiko Kitamoto |
| Date: | 8/20/2001 | Jenyoshi Umemoto Tsuyoshi UMEMOTO |
| LEGALIZ. | ATION RECOMMENDED | |

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RECORDED: 09/16/2003

PATENT REEL: 013979 FRAME: 0450