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nts or copy thereof.

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ing party:

1. Name of conveying parties:

- 1. Makoto Inoue
- 2. Satoshi Watanabe

Additional name(s) of conveying party(ies) attached?

( ) Yes (X) No

Name: Taiyo Yuden Co., Ltd.

Street Address: 16-20, Ueno 6-chome, Taito-ku

City: Tokyo Country: Japan

ZIP: 110-0005

Additional name(s) of receiving party(ies) attached?

( ) Yes (X) No

3. Nature of conveyance:

- (X) Assignment ( ) Security Agreement
- ( ) Merger ( ) Change of Name
- ( ) Other:

Execution Date:

- 1. March 3, 2005
- 2. March 3, 2005

4. US or PCT Application number(s) or US Patent number(s):

(X) Patent Application No.: 11/004,310

Filing Date: December 2, 2004

Additional numbers attached?

( ) Yes (X) No

5. Party to whom correspondence concerning document should be mailed:

Customer No. 20,995

Address: Knobbe, Martens, Olson & Bear, LLP  
2040 Main Street, 14<sup>th</sup> Floor  
Irvine, CA 92614

Return Fax: (949) 760-9502

Attorney's Docket No.:

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Thomas R. Arno  
Name of Person Signing

Signature

4/6/05  
Date

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REEL: 016492 FRAME: 0820

### ASSIGNMENT

WHEREAS, We, Makoto Inoue and Satoshi Watanabe, all Japanese citizens, residing in Gunma, Japan, have invented certain new and useful improvements in a BALUN DEVICE for which we have filed an application for Letters Patent in the United States, Application No. 11/004,310 filed December 2, 2004:

AND WHEREAS, Taiyo Yuden Co., Ltd. (hereinafter "ASSIGNEE"), a Corporation, with its principal place of business at 16-20, Ueno 6-chome, Taito-ku, Tokyo, 110-0005 Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of March, 2005

Makoto Inoue  
Makoto Inoue

WITNESSED:

Hideya Makino

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of March, 2005

Satoshi Watanabe  
Satoshi Watanabe