

08-06-2004

Client Code: TAYU.009AUS

R



To the Director, U.S. Patent and Trademark Office

102807861

original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Naoto YOKOYAMA 2. Masayuki SHIMIZU</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: TAIYO YUDEN CO., LTD.</p> <p>Address: 16-20, Ueno 6-chome, Taito-ku, Tokyo 110-0005 Japan</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>() Yes (X) No</p> <p>7-30-04</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement</p> <p>() Merger () Change of Name</p> <p>() Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>Both executed on 7/30/04.</p>	<p>4. Application number(s) or Patent number(s):</p> <p>(X) Application(s) filed herewith</p> <p>Execution Date(s): Both executed on 7/30/04.</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Katsuhiro Arai</p> <p>KNOBBE MARTENS OLSON & BEAR LLP</p> <p>2040 Main Street</p> <p>Fourteenth Floor</p> <p>Irvine, CA 92614</p> <p>Customer No. 20,995</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: TAYU.009AUS</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 1.21(h)): \$40.00</p> <p>(X) Enclosed</p> <p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>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.</p> <p><u>Katsuhiro Arai</u> <u><i>Katsuhiro Arai</i></u> <u>July 30, 2004</u></p> <p>Name of Person Signing Signature Date</p> <p><u>43,315</u></p> <p>Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 2</p>	

Documents transmitted via Mail to be recorded with required cover sheet information to:

08/04/2004 MAHME1 00000014 10903163

03 FC:8021

40.00 UP

Mail Stop Assignment Recordation Services

Director, U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

H:\DOCS\KOA\KOA-4225.DOC

071204

PATENT

REEL: 015643 FRAME: 0588

Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: TAYU.009AUS
Page 1

ASSIGNMENT

WHEREAS, we, Naoto YOKOYAMA, a Japanese citizen, residing at 5607-2, Nakamuroda Haruna-Machi, Gunma-Gun, Gunma 370-3347 Japan, and Masayuki SHIMIZU, a Japanese citizen, residing at 5607-2, Nakamuroda Haruna-Machi, Gunma-Gun, Gunma 370-3347 Japan, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR DESIGNING HIGH-FREQUENCY CIRCUIT, AND DISPLAY METHOD FOR USE IN DESIGNING HIGH-FREQUENCY for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, TAIYO YUDEN CO., LTD. (hereinafter "ASSIGNEE"), a Japan 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, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other 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 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 HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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.

This 30 day of 7, 2004

Naoto Yokoyama
Naoto YOKOYAMA

This 30 day of 7, 2004

Masayuki Shimizu
Masayuki SHIMIZU

Mitsuyuki Yamauchi
Witness

H:\DOCS\KOA\KOA-4232.DOC
072304

COPY

Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: TAYU.009AUS
Page 1

ASSIGNMENT

WHEREAS, we, Naoto YOKOYAMA, a Japanese citizen, residing at 5607-2, Nakamuroda Haruna-Machi, Gunma-Gun, Gunma 370-3347 Japan, and Masayuki SHIMIZU, a Japanese citizen, residing at 5607-2, Nakamuroda Haruna-Machi, Gunma-Gun, Gunma 370-3347 Japan, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR DESIGNING HIGH-FREQUENCY CIRCUIT, AND DISPLAY METHOD FOR USE IN DESIGNING HIGH-FREQUENCY for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, TAIYO YUDEN CO., LTD. (hereinafter "ASSIGNEE"), a Japan 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, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other 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 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 HEREBY covenant and agree that we will communicate to the said ASSIGNEE, 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.

This 30 day of 7, 2004

Naoto Yokoyama
Naoto YOKOYAMA

This 30 day of 7, 2004

Masayuki Shimizu
Masayuki SHIMIZU

Mitsuyuki Yamauchi
Witness

H:\DOCS\KOA\KOA-4232.DOC
072304

RECORDED: 07/30/2004

PATENT
REEL: 015643 FRAME: 0590