


REC'D PCT/PTO 30 AUG 2006

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

R		09-13-2006	10/591173
To the Director of the U.S. Patent and Trademark Office		103306114	10/591173
<b>1. Name of conveying party(ies):</b> Kazutomi MORI (8/11/2006), Shintarou SHINJO (8/11/2006), Masaharu HATTORI (8/11/2006), Kazunori TAKAHASHI (8/11/2006), Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b> Name: Mitsubishi Electric Corporation Internal Address: _____ Street Address: 7-3, Marunouchi 2-chome, Chiyoda-ku Tokyo 100-8310 JAPAN City: _____ State: _____ Country: _____ Zip: _____ Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance/Execution Date(s):</b> Execution Date(s): in parentheses after inventor name <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____			
<b>4. Application or patent number(s):</b> A. Patent Application No.(s) NEW 00000052 10591173 (40.00 OP) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input checked="" type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: Michael K. Mutter BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 1163-0581PUS1 Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747 City: Falls Church State: VA Zip: 22040-0747 Phone Number: (703) 205-8000 Fax Number: (703) 205-8080 Email Address: mailroom@bskb.com		<b>6. Total number of applications and patents involved:</b> 1 <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ 40.00 <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
<b>9. Signature:</b>  Signature Michael K. Mutter - 29,680 Name of Person Signing		<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____ Total number of pages including cover sheet, attachments, and documents: 4	

10/591173

Form PTO-1595

RECORDATION FORM COVER SHEET  
(continued)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Hiroaki SEKI (8/11/2006), Akira OHTA (8/11/2006), and Noriharu SUEMATSU (8/11/2006)

Additional Assignees (2. Continued):

Assignee Name: \_\_\_\_\_

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Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐

Yes

☐

No

ATTORNEY DOCKET NO.

1163-0581PUS1

## ASSIGNMENT

Application No. NEW

Filed 8/30/06

Insert Name(s)  
of Inventor(s) ➡

WHEREAS, Kazutomi MORI, Shintaro SHINJO, Masaharu HATTORI,  
Kazunori TAKAHASHI, Hiroaki SEKI, Akira OHTA and Noriharu SUEMATSU  
of c/o Mitsubishi Electric Corporation, Tokyo, Japan

Insert Title  
of Invention ➡

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in \_\_\_\_\_  
"HIGH-POWER AMPLIFIER"

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date  
of Signing of  
Application ➡

on August 11, 2006; and

Insert Name  
of Assignee ➡

WHEREAS, Mitsubishi Electric Corporation

Insert Address  
of Assignee ➡

of 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

CHECK BOX  
IF APPROPRIATE ➡

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and  
☐ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

**PATENT**

**REEL: 018287 FRAME: 0324**

continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>August 11, 2006</u> ,	Name of Inventor <u>Kazutomi MORI</u>	<u>Kazutomi Mori</u> (signature)
Date <u>August 11, 2006</u> ,	Name of Inventor <u>Shintaro SHINJO</u>	<u>Shintaro Shinjo</u> (signature)
Date <u>August 11, 2006</u> ,	Name of Inventor <u>Masaharu HATTORI</u>	<u>Masaharu Hattori</u> (signature)
Date <u>August 11, 2006</u> ,	Name of Inventor <u>Kazunori TAKAHASHI</u>	<u>Kazunori Takahashi</u> (signature)
Date <u>August 11, 2006</u> ,	Name of Inventor <u>Hiroaki SEKI</u>	<u>Hiroaki Seki</u> (signature)
Date <u>August 11, 2006</u> ,	Name of Inventor <u>Akira OHTA</u>	<u>Akira Ohta</u> (signature)
Date <u>August 11, 2006</u> ,	Name of Inventor <u>Noriharu SUEMATSU</u>	<u>Noriharu Suematsu</u> (signature)
Date _____,	Name of Inventor _____	_____ (signature)
Date _____,	Name of Inventor _____	_____ (signature)

PATENT

RECORDED: 08/30/2006

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