

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tomoyasu Miyashita	03/26/2008
Nobuo Ishimaru	03/26/2008
RECEIVING PARTY DATA	
Name:	Hitachi Kokusai Electric Inc.
Street Address:	14-1, Sotokanda 4-chome, Chiyoda-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	101-8980
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11792864
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	1592-0212PUS1
NAME OF SUBMITTER:	Michael K. Mutter

CH \$40.00 11792864

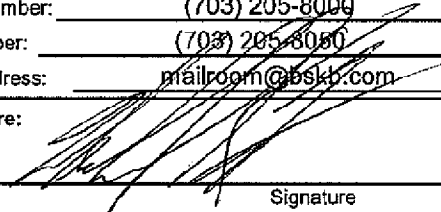
Total Attachments: 3
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**PATENT
 REEL: 020765 FRAME: 0956**

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies): Tomoyasu MIYASHITA (03/26/2008) and Nobuo ISHIMARU (03/26/2008) Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: <u>HITACHI KOKUSAI ELECTRIC INC.</u> Internal Address: _____ Street Address: _____ 14-1, Sotokanda, 4-chome, Chiyoda-ku City: <u>Tokyo</u> State: _____ Country: <u>Japan</u> Zip: <u>101-8980</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s): <u>in parentheses after inventor name</u> <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 _____			
4. Application or patent number(s): A. Patent Application No.(s) <u>11/792,864</u> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input 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	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Michael K. Mutter</u> <u>BIRCH, STEWART, KOLASCH & BIRCH, LLP</u> Internal Address: <u>Atty. Dkt: 1592-0212PUS1</u> Street Address: <u>8110 Gatehouse Road</u> <u>Suite 100 East</u> <u>P.O. Box 747</u> City: <u>Falls Church</u> State: <u>VA</u> Zip: <u>22040-0747</u> Phone Number: <u>(703) 205-8000</u> Fax Number: <u>(703) 205-8050</u> Email Address: <u>mailroom@bskb.com</u>		6. Total number of applications and patents involved: 1	
		7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
		8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>02-2448</u> Authorized User Name <u>Michael K. Mutter</u>	
9. Signature:  _____ Signature <u>Michael K. Mutter - 29,680</u> Name of Person Signing		_____ Date <u>April 4, 2008</u> Total number of pages including cover sheet, attachments, and documents: 	

ATTORNEY DOCKET NO. 1592-0212PUS1

BIRCH, STEWART, KOLASCH & BIRCH, LLPUNITED STATES PATENT RIGHTS, OR
UNITED STATES PLUS ALL FOREIGN PATENT RIGHTS**ASSIGNMENT**Application No. 11/792,864Filed June 12, 2007Insert Name(s)
of Inventor(s)WHEREAS, Tomoyasu MIYASHITA and Nobuo ISHIMARU
(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements inInsert Title
of InventionSUBSTRATE PROCESSING APPARATUS

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application).

Insert Date
of Signing of
Application

on _____; and

Insert Name
of AssigneeWHEREAS, HITACHI KOKUSAI ELECTRIC INC.Insert Address
of Assigneeof 14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 101-8980 Japan

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

CHECK BOX
IF APPROPRIATE in any 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, conversions and extensions thereof for the full term or terms for which the same may be granted.

Attorney Docket No.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion 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, conversion 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 conversion 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 Mar. 26, 2008

Name of Inventor Tomoyasu Miyashita
(signature) Tomoyasu MIYASHITA

Date Mar. 26, 2008

Name of Inventor Nobuo Ishimaru
(signature) Nobuo ISHIMARU

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)

Date _____

Name of Inventor _____
(signature)