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B/O FORM PTO-1595 (Rev. 4/00)

Department of Commerce Patent and Trademark Office

To the Commissioner for Patents. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

Takaaki NODA
Akira MOROHASHI
Junji ASAHI

12/30/02

2. Name and Address of Receiving Party(ies):

Name: **Hitachi Kokusai Electric Inc.**

Street Address: 14-20, 3-chome, Higashi-Nakano

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: September 30, 2002

City, State, Zip: Nakano-Ku, Tokyo, 164-8511,
JAPAN☐ Additional name(s) and address(es) attached.

4. (A) Patent Application Number(s):

10/255,715

4. (B) Patent Number(s):

If this document is being filed together with a new
application, the execution date of the application is:☐ Additional Numbers Attached.5. Name and Address of Party to whom Correspondence Concerning this
Document Should be Mailed:Name: **Eugene Mar**

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PATENT TRADEMARK OFFICE

Bacon & Thomas, PLLC
625 Slaters Lane Fourth Floor
Alexandria, VA 22314Total Number of Applications and
Patents Involved:

1

7. Total Fee:
(37 CFR 3.41)**\$40.00**☒ Enclosed☐ Authorized to be charged to deposit account8. Deposit Account Number: **02-0200**

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

9. Statement and Signature:

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

Eugene Mar

Name of Person Signing

Signature

December 30, 2002

Date

Total number of pages including cover sheet, attachments and document: 3

PATENT
REEL: 13618 FRAME: 0737

ASSIGNMENT

WHEREAS, I (we), **Takaaki Noda, Akira Morohashi and Junji Asahi**

whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in **METHOD FOR FABRICATING A SEMICONDUCTOR DEVICE AND A SUBSTRATE PROCESSING APPARATUS**

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

☐ executed on even date herewith

☐ executed on:

☒ filed on: September 27, 2002 Serial No.: 10/255,715

☐ established by PCT International Patent Application No.: filed:

designating the United States of America

WHEREAS, **Hitachi Kokusai Electric Inc.**

whose post office address is **14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan** hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

ASSIGNMENT

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Assignor Name	Takaaki Noda	Address 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan
Where Signed	Tokyo, Japan	
Date	<i>September 30 2002</i>	Signature <i>Takaaki Noda</i>
Witness (optional)		Witness (optional)
Print/Type Name		Print/Type Name
Signature		Signature

Assignor Name	Akira Morohashi	Address 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan
Where Signed	Tokyo, Japan	
Date	<i>September 30 2002</i>	Signature <i>Akira Morohashi</i>
Witness (optional)		Witness (optional)
Print/Type Name		Print/Type Name
Signature		Signature

Assignor Name	Junji Asahi	Address 14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan
Where Signed	Tokyo, Japan	
Date	<i>September 30 2002</i>	Signature <i>Junji Asahi</i>
Witness (optional)		Witness (optional)
Print/Type Name		Print/Type Name
Signature		Signature