

06-22-2001



101758206

6.18.01

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):

Takanobu NAKASHIMA
Tatsuhisa MATSUNAGA
Hidehiro YANAGAWA

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

Name: HITACHI KOKUSAI ELECTRIC INC.

Internal Address:

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

City, State, Zip: Tokyo 164-8511, JAPAN

☐ Additional names of conveying parties attached.

3. Nature of Conveyance:

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

Execution Date: April 20, 2001

☐ Additional name(s) and address(es) attached.

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

09/834,913

4. (B) Patent Number(s):

40E

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: RICHARD E. FICHTER
Registration No. 26,382
Address: Bacon & Thomas
625 Slaters Lane
Alexandria, VA 22314

Total Number of Applications and Patents Involved:

1

7. Total Fee:
(37 CFR 3.41)

\$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit Account Number: 02-0200

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

DO NOT USE THIS SPACE

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.

Richard E. Fichter

June 19, 2001

Name of Person Signing

Signature

Date

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

ASSIGNMENT

WHEREAS, I (we), **Takanobu NAKASHIMA, Tatsuhisa MATSUNAGA and Hidehiro YANAGAWA** whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, is(are) the owner of certain new and useful improvements in **DUAL LOADING PORT SEMICONDUCTOR PROCESSING EQUIPMENT** (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:

Serial No.:

☐ 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.

Assignor Name	Takanobu NAKASHIMA	Address	14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan
Where Signed	Tokyo, Japan		
Date	<i>Apr. 20, 2001</i>	Signature	<i>Takanobu Nakashima</i>
Witness (optional)		Witness (optional)	
Print/Type Name		Print/Type Name	
Signature		Signature	

☒ Continued on Next Page

ASSIGNMENT

Page 2

Assignor Name	Tatsuhisa MATSUNAGA	Address	14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan
Where Signed	Tokyo, Japan		
Date	<i>Apr. 20, 2001</i>	Signature	<i>Tatsuhisa Matsunaga</i>
Witness (optional)		Witness (optional)	
Print/Type Name		Print/Type Name	
Signature		Signature	

Assignor Name	Hidehiro YANAGAWA	Address	14-20, 3-chome, Higashi-Nakano, Nakano-ku, Tokyo 164-8511, Japan
Where Signed	Tokyo, Japan		
Date	<i>Apr. 20, 2001</i>	Signature	<i>Hidehiro Yanagawa</i>
Witness (optional)		Witness (optional)	
Print/Type Name		Print/Type Name	
Signature		Signature	

[] Continued on Next Page