

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
EFFECTIVE DATE:	09/13/2006						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mitsunori ISHISAKA</td><td>09/13/2006</td></tr><tr><td>Toshimitsu MIYATA</td><td>09/13/2006</td></tr></tbody></table>		Name	Execution Date	Mitsunori ISHISAKA	09/13/2006	Toshimitsu MIYATA	09/13/2006
Name	Execution Date						
Mitsunori ISHISAKA	09/13/2006						
Toshimitsu MIYATA	09/13/2006						
RECEIVING PARTY DATA							
Name:	HITACHI KOKUSAI ELECTRIC INC.						
Street Address:	14-1, Soto-Kanda 4-chome, Chiyoda-ku,						
City:	Tokyo						
State/Country:	JAPAN						
Postal Code:	101-8980						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>10589490</td></tr></tbody></table>		Property Type	Number	Application Number:	10589490		
Property Type	Number						
Application Number:	10589490						
CORRESPONDENCE DATA							
Fax Number:	(202)887-0357						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	2026592930						
Email:	rpelayo@armstrongpat.com						
Correspondent Name:	Armstrong,Kratz,Quintos,Hanson,Brooks						
Address Line 1:	Ste. 1000, 1725 K St. N.W.						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20006						
ATTORNEY DOCKET NUMBER:	060471						
NAME OF SUBMITTER:	Mel R. Quintos						
Total Attachments: 1 source=060471Asn#page1.tif							

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PATENT

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REEL: 019327 FRAME: 0270

U.S. ASSIGNMENT(Insert ASSIGNEE's
Name(s) Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by
HITACHI KOKUSAI ELECTRIC INC. of 14-1, Soto-Kanda 4-chome, Chiyoda-ku,
Tokyo 101-8980 Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled:

(Title of Invention)

**SEMICONDUCTOR MANUFACTURING DEVICE AND METHOD FOR
MANUFACTURING SEMICONDUCTOR DEVICES**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on August 15, 2006, Serial No. 10/589,490

(Armstrong, Kratz, Quintos, Hanson & Brooks, LLP is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent 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, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Mitsunori Ishisaka</u> (Signature)	<u>Mitsunori ISHISAKA</u> (Type Name)	<u>12/8/2006</u> (Date)
<u>Toshimitsu Miyata</u> (Signature)	<u>Toshimitsu MIYATA</u> (Type Name)	<u>12/9/2006</u> (Date)
 (Signature)	 (Type Name)	 (Date)
 (Signature)	 (Type Name)	 (Date)
 (Signature)	 (Type Name)	 (Date)
 (Signature)	 (Type Name)	 (Date)

NO LEGALIZATION REQUIRED

Re. 01/04

PATENT

RECORDED: 05/22/2007

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