

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Chikaaki KODAMA</td> <td>03/28/2011</td> </tr> <tr> <td>Toshiya KOTANI</td> <td>03/29/2011</td> </tr> <tr> <td>Shigeki NOJIMA</td> <td>03/28/2011</td> </tr> <tr> <td>Shoji MIMOTO</td> <td>03/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Chikaaki KODAMA	03/28/2011	Toshiya KOTANI	03/29/2011	Shigeki NOJIMA	03/28/2011	Shoji MIMOTO	03/28/2011
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CORRESPONDENCE DATA											
Fax Number: (202)408-4400 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202.408.4000 Email: george.hinton@finnegan.com Correspondent Name: Finnegan Henderson et al. Address Line 1: 901 New York Ave., NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20001											
ATTORNEY DOCKET NUMBER:	08411.0232										
NAME OF SUBMITTER:	George A. Hinton, Jr.										
Total Attachments: 1 source=08411-0232-Assignment.tif#page1.tif											

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PATENT

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REEL: 026232 FRAME: 0015

U.S. ASSIGNMENT

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

(Insert Name(s) & Address(es) of ASSIGNEE(S))

Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 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)

SUB-RESOLUTION ASSIST FEATURE ARRANGING METHOD AND COMPUTER PROGRAM

PRODUCT AND MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on ; (Insert date of execution of application, if not concurrent)

(b) filed on 18/March/2011

Serial No. 13/051,961

Assignee's attorney is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

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

1) <u>Chikaaki Kodama</u> (Signature)	Chikaaki KODAMA (Type Name)	<u>March 28, 2011</u> (Date)
2) <u>Toshiya Kotani</u> (Signature)	Toshiya KOTANI (Type Name)	<u>March 29, 2011</u> (Date)
3) <u>Shigeki Nojima</u> (Signature)	Shigeki NOJIMA (Type Name)	<u>March 28, 2011</u> (Date)
4) <u>Shoji Mimotoji</u> (Signature)	Shoji MIMOTOJI (Type Name)	<u>March 28, 2011</u> (Date)
5) _____ (Signature)	_____ (Type Name)	_____ (Date)