PATENT ASSIGNMENT

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tomoyasu KUDO	11/26/2007

RECEIVING PARTY DATA

Name:	KABUSHIKI KAISHA TOSHIBA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11944830

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Total Attachments: 1

NAME OF SUBMITTER:

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PATENT REEL: 020453 FRAME: 0971

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SOLE/	JOINT	INVENTION
	(U.S.	Rights Only)
Attorney Docket No.		

ASSIGNMENT

WHEREAS I/We, the below named inventor	or(s), hereinafter referred to as Ass	signor(s), have made an inver	ntion entitled:
MANUFACTURING APPARATUS FOR SEMICONDUCTOR DEVICE	SEMICONDUCTOR DEVICE	AND MANUFACTURING	METHOD OF
for which I/WE executed an application for United States Letters Patent on	United States Letters Patent conc , (Application No.	currently herewith or filed an a); and	pplication for
WHEREAS, Kabushiki Kaisha Toshiba			

(hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignees is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignees, their successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignees, its successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. , filed) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

whose post office address is 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

FULL NAME OF SOLE OR FIRST ASSIGNOR Tomoyasu KUDO	ASSIGNOR'S SIGNATURE JOMOYASH KINDO	DATE 26, 2007
ADDRESS c/o Intellectual Property Division Toshiba Corporation 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan	Ø	CITIZENSHIP / Japan

RECORDED: 02/01/2008