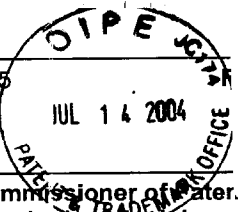


07-19-2004

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 04329.3253  
Attorney Customer Number: 22,852



102793452

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

ATTN. BOX ASSIGNMENTS RECORDATION SERVICES

1. Name of conveying party(ies): 1) Shinya TAKYU 2) Ninao SATO	2. Name and address of receiving party(ies): Name: KABUSHIKI KAISHA TOSHIBA
--	--

Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
--	-------------------

3. Nature of conveyance:	Street Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN
--------------------------	---

<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger	City:
--	-------

<input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name	State:	Zip Code:
---	--------	-----------

<input type="checkbox"/> Other:	Additional name(s) & Address(es) attached?
---------------------------------	--

Execution Date: May 28, 2004	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
------------------------------	---

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:	
A. Patent Application Number(s): 10/787,207	B. Patent Number(s):
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Mr. Ernest F. Chapman	6. Total number of applications and registrations involved: 1
	7. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account
	Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
	Street Address: 1300 I Street, N.W.
City: Washington, D.C.	

State: Zip: 20005-3315	8. Deposit Account No.: 06-0916
------------------------	---------------------------------

9. Statement and signature.

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

Richard V. Burgujian Registration No. 31,744		July 14, 2004 Date
---	--	-----------------------

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

ASSIGNMENT

(03S1909)

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

SEMICONDUCTOR WAFER DIVIDING METHOD AND APPARATUS

sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a Japanese corporation, having a business address at  
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

their successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)  executed concurrently herewith  
 executed on ;  
 Application No. 10/787,207 , filed February 27, 2004 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

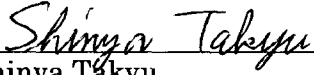
Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, D.C. 20005-3315

## [1st Inventor]

Residence Address: Kitakatsushika-gun, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan



Shinya Takyu

MAY. 28. 2004

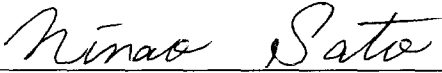
Date

## [2nd inventor]

Residence Address: Mitaka-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,  
Minato-ku, Tokyo 105-8001, Japan

Country of Citizenship: Japan



Ninao Sato

MAY. 28. 2004

Date

## RECORDING OFFICER:

After recording, please return to:

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P.  
1300 I Street, N.W., Washington, D.C. 20005-3315