

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Boon Meng Seah	10/13/2006
Bei Chao Zhang	10/12/2006
Raymond Joy	10/16/2006
Shao Beng Law	10/15/2006
John Sudijono	10/20/2006
Liang Choo Hsia	10/26/2006
RECEIVING PARTY DATA	
Name:	Chartered Semiconductor Manufacturing LTD
Street Address:	60 Woodlands Industrial Park D, Street Two,
Internal Address:	Chartered Semi - Legal Department
City:	Singapore
State/Country:	SINGAPORE
Postal Code:	738406
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11556696
CORRESPONDENCE DATA	
Fax Number:	(267)200-0730
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(215) 670-2455
Email:	wspatent-uspto@yahoo.com
Correspondent Name:	William J Stoffel
Address Line 1:	1735 Market Street - Ste A455
Address Line 4:	Philadelphia, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	CS04-111

OP \$40.00 11556696

500174387

**PATENT
REEL: 018481 FRAME: 0418**

NAME OF SUBMITTER:

William J. Stoffel

Total Attachments: 3

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ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION	Page 1
(Multiple inventors; single assignee (Chartered Semi))	
Docket :CS04-111	

This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ United States of America rights, title and interest in the invention
☒ Foreign rights, title and interest in the invention
☒ United States Patent Application Serial No. **application attached**
 Date of Execution: _____ Date of Filing: 11/5/06
☐ United States Provisional Patent Application Serial No. _____
☐ United States Patent No (s). _____
☐ International (PCT) Patent Application Serial No. _____
☐ Other (specify) _____

SN 11/556,696
 conf # 9163
 WJS
 11/5/06

Title of the Invention : **Apparatus and methods for Cleaning and Drying of wafers**

INVENTORS (ASSIGNORS)

PLEASE PRINT in CAPITAL LETTERS

1) Boon Meng Seah

residence Address: Blk 340A Sembawang Close #09-93 Singapore 751340 SG

2) Bei Chao Zhang

residence Address Blk 703 Choa Chu Kang St 53 #10-60, Singapore 680703 SG

3) Raymond Joy

residence Address: Blk 135 Bishan Street 12 #07-406 Singapore 570135 SG

4) Shao Beng Law

residence Address: BLK 66, Marine Drive, #03-182, Singapore SG (440066)

5) John Sudijono

residence Addr: 90 Hillview Ave #05-06 Singapore 669610 SG

6) Liang Choo Hsia

Residence Address: 22 Woodgrove Avenue Singapore 738064 SG

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ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION	Page 2
(Multiple inventors; single assignee (Chartered Semi))	
Docket : CS04-111	

ASSIGNEE

Name: Chartered Semiconductor Manufacturing, Ltd.

Address: 60 Woodlands Industrial Park D, Street Two, Singapore SG 738406

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

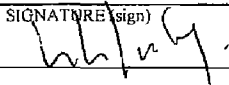
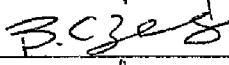
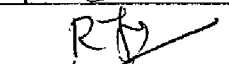
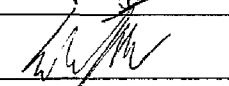

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

The undersigned hereby grant(s) the firm of Stoffel Law office, and William Stoffel, of 1735 Market St - Ste A455, Philadelphia, PA, 19103 USA, the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Inventor - please fill in all requested information below

INVENTORS' NAME - SIGNATURE - DATE

	Name: PRINT (first, middle, family)	SIGNATURE (sign)	DATE
INVENTOR 1	Boon Meng Seah 9357 928-1960(9)		12/10/06
INVENTOR 2	Bei Chao Zhang		12/10/06
INVENTOR 3	Raymond Joy		16/10/06
INVENTOR 4	Shao Beng Law		15/10/06
INVENTOR 5	John Sudijono		
INVENTOR 6	Liang Choo Hsia		26-Oct-06

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ASSIGNMENT OF RIGHTS, TITLE AND INTEREST IN INVENTION	Page 2
(Multiple inventors; single assignee (Chartered Semi))	
Docket : CS04-111	

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We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

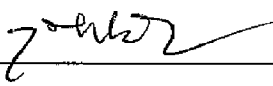
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And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

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	Name: PRINT (first, middle, family)	SIGNATURE (sign)	DATE
INVENTOR 1	Boon Meng <u>Seah</u>	SIGNATURE (sign)	DATE
INVENTOR 2	Bei Chao <u>Zhang</u>		
INVENTOR 3	Raymond <u>Joy</u>		
INVENTOR 4	Shao Beng <u>Law</u>		
INVENTOR 5	John <u>Sudijono</u>		10/20/06
INVENTOR 6	Liang Choo <u>Hsia</u>		

file: cs04-111-Assignment-to-cs-pto-v2006-01.doc

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