08-13-1998

Docket No.: SEC.331

FORM PTO-1595 (Modified) MRD	T U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
OMB No. 0651-0011 (exp. 4/94) Copyright 1996-97 LegalStar 8-10-98 1007932	
Tab settings → → ▼	V V V
	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): OH, Sang-guen	Name and address of receiving party(ies):
OH, Sang-guen SOH, Chang-eob	Name: Samsung Electronics Co., Ltd.
Alter Marie	Address: 416, Maetan-dong, Paldal-gu,
Additional names(s) of conveying party(ies)	
(, , , , , , , , , , , , , , , , , , ,	
3. Nature of conveyance:	
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	City: Suwon-city, Kyungki-do, State/Prov.:
☐ Other	Country: Republic of Korea ZIP:
Execution Date: February 16, 1998	Additional consects 0 address (co)
	Additional name(s) & address(es) ☐ Yes ☒ No
4. Application number(s) or registration numbers(s):	
If this document is being filed together with a new application,	the execution date of the application is:
Patent Application No. Filing date	B. Patent No.(s)
09/034,328 March 4, 1998	
Additional numbers	☐ Yes ☒ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: RAYMOND C. JONES	7. Total fee (37 CFR 3.41):\$ 40.00
Registration No. 34,631	☑ Enclosed - Any excess or insufficiency should be
Address: JONES & VOLENTINE, L.L.P.	credited or debited to deposit account
12200 SUNRISE VALLEY DRIVE, SUITE 150	☐ Authorized to be charged to deposit account
	8. Deposit account number: 🖰
City: RESTON State/Prov.: VA	50-0238 중 후
Country: <u>U.S.A.</u> ZIP: <u>20191</u>	09034
DO NOT USE THIS SPACE	
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.	ALICUIST 10, 1000
RAYMOND C. JONES Kong	AUGUST 10, 1998

Name of Person Signing

Date

Signature

Signature

Total number of pages including cover sheet, attachments, and REPL: 9373 FREATER

JONES & VOLENTINE, L.L.P. (1/97)

ASSIGNMENT

L.L.P. (1/97)	
Insert Name(s) of Inventor(s)	In consideration of the sum of One Dollar $(\$1.00)$ and other good and valuable consideration paid to each of the undersigned
	Sang-guen OH
	Chang-eob SOH
	and
	alio
Insert Name(s)	the undersigned hereby sell(s) and assign(s) to
of Assignee(s)	SAMSUNG ELECTRONICS CO., LTD.
Address	of 416, Maetan-dong, Paldal-ku, Suwon-city, Kyungki-do, Republic of Korea
Title of Invention	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
	MECHANISM FOR PREVENTING METALLIC ION CONTAMINATION OF A WAFER IN ION IMPLANTATION EQUIPMENT
Date of Signing of Application	for which an application for patent in the United States of America has been executed by the undersigned
	on 2-16-98
	The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
	The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
	The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
	The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
	The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

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The undersigned hereby grant(s) to Raymond C. Jones, Reg. No. 34,631 and Adam C. Volentine, Reg. No. 33,289, members of the firm of JONES & VOLENTINE, L.L.P. 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 United States Patent Office for recordation of this document. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Theb. 16. P8, Name of Inventor Sang Guen - OH Feb. 16. 98, Name of Inventor

Sang-guen OH

Chang Eob Soh

Chang-ebb SOH _____, Name of Inventor _____ Date ______, Name of Inventor ______ Date ______, Name of Inventor ______ (Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even if it has not been acknowledged and/or recorded.) Witness _____ in Jary ACKNOWLEDGMENT This ______, 19____, before me personally came the above-named ______ to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature **SEAL** Official Title Applicant Reference No.: SS-9611-627-US Atty Docket No.: SEC.331