03-09-2004



(Rev. 03/01)	U.S. DEPARTMENT OF COMMER U.S. Patent and Trademark Of					
OMB No. 0651-0027 (exp. 5/31/2002) 102687815						
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Name of conveying party(ies):	Name and address of receiving party(ies)					
SUNG-KI JUNG and HO-MIN KANG	Name: Samsung Electronics, Co., Ltd.					
	Internal Address: 416, Maetan-dong					
Additional name(s) of conveying party(ies) attached?	Yeongtong-gu, Suwon-si					
3. Nature of conveyance:	Gyeonggi-do, KOREA					
	Street Address:					
☐ Security Agreement ☐ Change of Name						
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Execution Date: February 11 and 14, 2004	Additional name(s) & address(es) attached?					
4. Application number(s) or patent number(s) Not Yet Assigned						
If this document is being filed together with a new application the exe	ecution date of the application February 11 and 14, 2004					
is: A. Patent Application No.(s) B. Patent No.(s)						
101789330						
Additional numbers attached? Yes No						
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1					
	7. Total fee (37 CFR 3.41) \$\ 40.00					
Name: K. Jenny Sung	☑ Enclosed					
Internal Address: Gray Cary Ware & Freidenrich	☐ Authorized to be charged to deposit account					
Address. Stay Odi, Trais a Francisco	8. Deposit account number: 07-1896					
Street address: 2000 University Avenue						
City: East Palo Alto State: CA Zip: 94303	(Attach duplicate copy of this page if paying by deposit account)					
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M. Wiles

Gray Cary\EM\7160540.1 1190860-991460

ASSIGNMENT

WHEREAS, I, Sung-Ki JUNG residing at

205-1202 Woncheon Jugong Apt., #548, Woncheon-dong, Paldal-gu, Suwon-si, Gyeonggi-do Republic of Korea;

And, I, Ho-Min KANG, residing at

726-1904 Hyundai Apt., #989-2, Youngtong-dong, Paldal-gu, Suwon-si, Gyeonggi-do Republic of Korea;

have invented certain new and useful improvements in CLEANING UNIT, SLIT COATING APPARATUS HAVING THE SAME AND METHOD OF COATING SUBSTRATE, a United States patent for which is filed herewith;

AND WHEREAS SAMSUNG ELECTRONICS, CO., LTD., hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration paid to me by said assignee, receipt whereof we hereby acknowledge, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, renewals, and/or extensions thereof including all priority rights under the International Convention associated therewith for each country of the Union, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner of Patents and Trademarks is requested to issue such Letters Patent in accordance herewith. I covenant that I am a lawful owner of the application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the inventions or improvements on any of them, and that I have the full right to make this assignment.

And for the consideration aforesaid, I agree, jointly and individually with any co-inventor(s), that I will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

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> PATENT REEL: 015039 FRAME: 0246

EXECUTED	Sung lu'.	<i>Sung-</i> Ki J	Date: <u>7004, 2</u> UNG	-11
EXECUTED	Lar.	Ho-Min K	ANG Date:	2.14
IN WITNESS WHEE	REOF:			
Witness #1				
Witnessed:			Date:	
			(Printed Name)	
Address:				
				
Witness #2				
Witnessed:			Date:	
			(Printed Name)	
Address:				
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RECORDED: 02/26/2004

PATENT REEL: 015039 FRAME: 0247