10.14.98 at No.: SEC.509 10-23-1998 FORM PTO-1595 (Modifi **RECO** U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Patent and Trademark Office Copyright 1996-97 LegalStar P08A/REV02 100857859 Tab settings -> -> To the Honorable Commissioner of Patents and Transmissioner Services and Transmissioner of Patents and Transmissioner of Paten 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): LEE, Kun-hyung HWANG, Jung-sung Name: Samsung Electronics Co., Ltd. AHN, Yo-han Address: 416, Maetan-dong, Paldal-gu, CHOI, Jae-heung Additional names(s) of conveying party(ies) Yes X No 3. Nature of conveyance: ■ Assignment ☐ Merger City: Suwon-city, Kyungki-do State/Prov.: ☐ Security Agreement Change of Name Country: Republic of Korea ZIP: ☐ Other Execution Date: September 29, 1998 Additional name(s) & address(es) ☐ Yes X 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: **September 29, 1998** Patent Application No. Filing date B. Patent No.(s) 09/172152 Additional numbers ☐ Yes 🛛 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: RAYMOND C. JONES 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 34,631 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: JONES & VOLENTINE, L.L.P. Authorized to be charged to deposit account 12200 SUNRISE VALLEY DRIVE, SUITE 150 8. Deposit account number: City: RESTON State/Prov.: VA 50-0238 Country: U.S.A. ZIP: 20191 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

Signature

Total number of pages including vover sheet, attachments, and

of the original document.

RAYMOND C. JONES

Name of Person Signing

REEL: 9519 FRAME: 0754

OCTOBER 14, 1998

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

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned Kun-hyung LEE Insert Name(s) of Inventor(s) Jung-sung HWANG Yo-han AHN Jae-heung CHOI the undersigned hereby sell(s) and assign(s) to Insert Name(s) of Assignee(s) SAMSUNG ELECTRONICS CO., LTD. Address of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (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

Title of Invention

DRIVE CHECKING SYSTEM FOR FAN FILTER UNITS IN CLEAN ROOM

for which an application for patent in the United States of America has been executed by the undersigned

of Application

Date of Signing on <u>September 29, 1998</u>

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.

Page 1 of 2

		C. Jones, Reg. No. 34,631 and Adam C. Volentine, Reg. No. 33,289, the power to insert on this assignment any further identification which
may be necessary or		h the rules of the United States Patent Office for recordation of this
document.		
In witness wh	hereof, executed by the undersig	ned on the date(s) opposite the undersigned name(s).
Date 98.59	7. 29 , Name of Inventor	Kun-hyung Lee
Data Gel OS	Kur	Kun-lryung Lee n-hyung LEE Jirng - Hwang ng-sung-HWANG
Date	Jung	g-sung/HWANG
Date $\cancel{jf} \circ f$, Name of Inventor	-han AHN
Date Just af.	Name of Inventor	Tou he und (htt.)
/ /	Jae- Name of Inventor	-heung CHOI
Date	, ivalue of inventor	
but not requir at least two w record an Ass	red. If not acknowledged, then it is vitnesses who sign here. Howeve signment even if it has not been ac	edgment: Acknowledgment before a United States Consul is preferred is recommended that the execution by the Inventor(s) be witnessed by er, the current practice of the U.S. Patent and Trademark Office is to eknowledged and/or recorded.)
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	ACVNO	OWI EDCMENT
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This	day of	, 19, before me
personally came the at	ove-named	
	vn as the individual(s) who execute his (their) own free will for the pur	ed the foregoing assignment, who did acknowledge to me that he (they) proposes therein set forth.
		Official Signature
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Applicant Keterence N	10.: 55-9/10-349-05	Atty Docket No.: SEC.509
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