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2. JEON, Jin-Ho

3. KIM, Yong-Gab

4. YI, Jong-Seung

01-29-2002

Docket No.: SEC.863

HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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party(ies): Name: SAMSUNG ELECTRONICS CO., LTD.

7. CHO, Chan-Hyung Address: 416, Maetan-dong, Paldal-gu, ¥ Yes ☐ No Additional names(s) of conveying party(ies)

. Na	ature of conveyance:	
X	Assignment	Merger
	Security Agreement	Change of Name
	Other	

6. KIM, Kyung-Tae

City: Suwon-city, Kyungki-do State/Prov. Country: Republic of Korea ZIP:

✓ Yes □ No Additional name(s) & address(es)

Execution Date: JANUARY 2, 2002 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: JAN. 2, 2002 Filing date Patent Application No. JAN. 16, 2002 **NEW** 00000155 500238

B. Patent No.(s)

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☐ Yes 🏻 No Additional numbers

5. Name and address of party to whom correspondence concerning document should be mailed:

6. Total number of applications and patents involved

Name: ADAM C. VOLENTINE 7. Total fee (37 CFR 3.41):....\$ 40.00 Enclosed - Any excess or insufficiency should be 33289 Registration No. credited or debited to deposit account Address: VOLENTINE FRANCOS, PLLC

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Date

VOLENTINE FRANCOS, PLLC (9/2001)

ASSIGNMENT

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

1. CHOI, Chul-Hwan 5. LEE, Min-Woo

2. JEON, Jin-Ho 6. KIM, Kyung-Tae

3. KIM, Yong-Gab 7. CHO, Chan-Hyung

4. YI, Jong-Seung

Insert Name(s) of Assignee(s)

the undersigned hereby sell(s) and assign(s) to

Address

SAMSUNG ELECTRONICS CO., LTD.

of 416, Maetan-dong, Paldal-gu, 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

RESIDUAL GAS REMOVING DEVICE AND METHOD THEREOF

Date of Signing of Application

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

on Jan. 2,2002

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

and the firm of VOLENTINE FRANCOS, P.L.L.C. the	Volentine, Reg. No. 33,289 and William S. Francos, Reg. No. 38,456, a power to insert on this assignment any further identification which may also of the United States Patent Office for recordation of this document.			
•	gned on the date(s) opposite the undersigned name(s).			
Date <u>for cr. nov</u> , Name of Inventor	Chul-Hwan CHOI Jin-Ho JEON Very Cab KIM			
Date, Name of Inventor, Date, Name of Inventor	Chul-Hwan CHOI Jin Ho JEON			
Tan Or 2007	Jin-Ho JEON Vim Vimagab			
Date Jam V Name of Inventor	Yong-Gab KIM			
Date Jan 01. White Jan 1915 Ja	Jong Selling 11			
Date Jam 6) 1002, Name of Inventor	Min was cec			
Date Jam. 02. 2002, Name of Inventor	Min-Woo LEE Kyung Tae Kim			
Date Jan. 02. 2002, Name of Inventor Date Jan. 02. 2006, Name of Inventor	Kyung-Tae KIM Chan Hing Chi			
Date, Jun, rame of inventor	Chan-Hyung CHO			
Witness Witness ACKNOWLEDGMENT ss				
This day of	, 19, before me personally came the above-			
named				
to me personally known as the individual(s) who execute executed the same of his (their) own free will for the property of the	atted the foregoing assignment, who did acknowledge to me that he (they) surposes therein set forth.			
OTA I	Official Signature			
SEAL				
	Official Title			
Applicant Reference No.: PX1331-US/SSD	Atty Docket No.: SEC.863			
Serial No.:	Filing Date:			
	Page 2 of 2			

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