Form PTO-1595 (Rev. 08/05) OMB No. 0851-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCI United States Patent and Tradomark Offic	
RECORDATION FOR	RM COVER SHEET	
PATENTS ONLY		
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.		
Name of conveying party(ies):	2. Name and address of receiving party(ies)	
Seung-yong CHA	Name: Samsung Gwangju Electronics Co., Ltd.	
Jang-keun OH	Internal Address:	
Additional name(s) of conveying party(ies) attached?	Street Address:	
3. Nature of conveyance/Execution Date(s):	7	
Execution Date(s): June 27, 2008	271, Oseon-dong Gwangsan-gu	
X Assignment Merger Change of Name		
Security Agreement Joint Research Agreement	City:Gwangju-City	
Government Interest Assignment	State:	
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip:	
Other	Additional name(s) & address(es) Yes X No	
12/167,388  Additional numbers attached?	Yes X No	
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Michael C. Greenbaum BLANK ROME LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	
Internal Address: Atty, Dkt.: 116511-00260	Authorized to be charged by credit card	
Street Address: 600 New Hampshire Ave., NW X Authorized to be charged to deposit account		
	Enclosed	
	None required (government interest not affecting title)	
City: Washington	8. Payment Information	
State: DC Zip; 20037	a. Credit Card Last 4 Numbers	
Phone Number: (202) 772-5800	Expiration Date	
Fax Number: (202) 572-1436	b. Deposit Account Number 23-2185	
Email Address: Greenbaum@blankrome.com	Authorized User Name Michael C. Greenbaum	
9. Signature:		
July 3, 2008		
Signature Date		
Michael C. Greenbaum - 28,419	Total number of pages including cover	
Name of Person Signing	sheet, attachments, and documents;	

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**PATENT REEL: 021198 FRAME: 0623** 

Attorney Docket No. 116511-00260

## ASSIGNMENT

- (1)Seung-yong CHA
- Jang-keun OH
- (1-4) Insert Name(s) of Inventor(s)

16:39

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell assign, transfer and set over, unto the assignee,

- (5) Insert Name of (5)Samsung Gwangju Electronics Co., Ltd. Assignce
- (6) Insert Address of (6) 271, Oseon-dong, Gwangsan-gu Gwangju-city, Republic of Korea Assignee

(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America

SUCTION NOZZLE AND VACUUM CLEANER HAVING (7) Insert (7)Identification of THE SAME Invention, such as Title, Case # or Appln. No.

> for which the undersigned has (have) executed an application for patent in the United States of America

(8) Insert Date of (8) on June 27, 2008 signing of application

> and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States application.

- 1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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Attorney Docket No. 116511-00260

- 3) 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.
- 4) 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 Assignce.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignce, 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.
- 6) The undersigned hereby grant(s) the firm of BLANK ROME LLP, 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 and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness	was	wash		
Witness	Eun-ji LEE	alıran		
	Av-ran Au	•		