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Hwa Gyu SONG  
Jun Hwa LEE  
Jae Man JOO  
Soo Yong CHOI  
Seung Gee HONG  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-Dong, Yeongtong-Gu, Suwon-Si Gyeonggi-Do,  
Republic of Korea  
  
113243 U.S. PTO  
11/142380

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: May 16, 2005

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4. Application number(s) or patent number(s):  
If this document is being filed together with a new application, the execution date of the application is: May 16, 2005  
A. Patent Application No.(s)  
  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
  
6. Total number of applications and patents involved:  
1

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

7. Total fee (37 CFR 3.41): \$40.00  
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## Assignment

Whereas, We, Hwa Gyu SONG, Jun Hwa LEE, Jae Man JOO, Soo Yong CHOI, and Seung Gee HONG of Gwangju-City, Republic of Korea, Anyang-Si, Republic of Korea, Suwon-Si, Republic of Korea, Seoul, Republic of Korea, and Yongin-Si, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in VACUUM CLEANER and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-Dong, Yeongtong-Gu, Suwon-Si Gyeonggi-Do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number and filing date of said application when known.

Date: May 16, 2005 Hwagyu. Song  
s/SONG, Hwa Gyu

Date: May 16, 2005 [Signature] junhwa. lee  
s/LEE, Jun Hwa

Date: May 16, 2005 Joo, Jae Man  
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Date: May 16, 2005 Soo Yong. Choi  
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Date: May 16, 2005 Seung Gee Hong  
s/HONG, Seung Gee