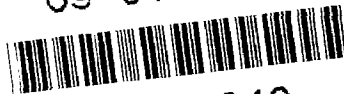


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Please record the attached original documents or copies thereof.

1. Name of conveying party(ies): **Jang-keun OH; Ki-man KIM; Kyong-hui JEON and Jung-gyun HAN**

2. Name and address of receiving party(ies):  
**SAMSUNG GWANGJU ELECTRONICS CO., LTD.**  
**271, Oseon-dong, Gwangsan-gu**  
**Gwangju-city, KOREA**

3. Nature of conveyance:  
XXXX Assignment \_\_\_\_\_ Merger  
 \_\_\_\_\_ Security Agreement \_\_\_\_\_ Change of Name  
 \_\_\_\_\_ Other: \_\_\_\_\_  
 Execution Date: **August 24, 2005**

4. Application number(s) or application date(s):  
 If this document is being filed together with a new application, the execution date of the application is: **August 24, 2005**

A. Application/Patent No. B. Application/Issue Date

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

Paul D. Greeley, Esq.  
 Ohlandt, Greeley, Ruggiero & Perle, L.L.P.  
 One Landmark Square, 10<sup>th</sup> Floor  
 Stamford, Connecticut 06901-2682 U.S.A.

6. Total No. of applications and patents involved: 1.

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.

XXXXX CUSTOMER NO.: 27623

XXXXX Enclosed

\_\_\_\_\_ Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. **01-0467**. A duplicate copy of this Form is enclosed.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul D. Greeley  
 Name of Person Signing

Paul D. Greeley  
 Signature

8/26/05  
 Date

Total number of pages including cover sheet, attachments and document: 4.

08/30/2005 SSITHIB1 00000073 11212213

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(40.00 DP)

**PATENT**  
**REEL: 016928 FRAME: 0989**

## **JOINT ASSIGNMENT**

The ASSIGNORS,	Jang-keun Oh 201-708, Haetae Apartment 385-1, Naebang-dong, Seo-gu Gwangju-city, Korea	Ki-man Kim 305-204, Woonnam Jugong 3danji Apartment Woonnam-dong, Gwangsan-gu Gwangju-city, Korea
	Kyong-hui Jeon 382-4, Dongmun-dong Seosan-si, Chungcheongnam-do, Korea	Jung-gyun Han 2-907, 2cha Jayu Apartment Goejeong-1-dong, Saha-gu Busan, Korea

have invented certain new and useful improvements in

### **Vacuum Cleaner Having A Cyclone Dust Collecting Apparatus**

an invention which is fully described in an application for Letters Patent of the United States executed by them this day; and

The ASSIGNEE, Samsung Gwangju Electronics Co., Ltd., a Korean corporation having its principal office at 271, Oseon-dong, Gwangsan-gu, Gwangju-city, Korea, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention and application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

Jang-keun Oh

Inventor's name



Signature

August 24, 2005

Date

Ki-man Kim

Inventor's name



Signature

August 24, 2005

Date

Witness



Yeon-jin Lee

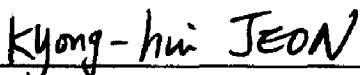
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Yeon-jin Lee

Kyong-hui Jeon

Inventor's name



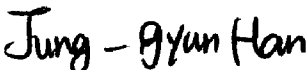
Signature

August 24, 2005

Date

Jung-gyun Han

Inventor's name



Signature

August 24, 2005

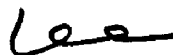
Date

Witness



Yeon-jin Lee

Witness



Yeon-jin Lee