

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT												
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT												
<b>CONVEYING PARTY DATA</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dong Won CHUN</td> <td>09/10/2008</td> </tr> <tr> <td>Jeong Min KIM</td> <td>09/10/2008</td> </tr> <tr> <td>Sung Hoon JUNG</td> <td>09/10/2008</td> </tr> <tr> <td>Joon-Taek LEE</td> <td>09/10/2008</td> </tr> <tr> <td>Young Seok LEE</td> <td>09/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	Dong Won CHUN	09/10/2008	Jeong Min KIM	09/10/2008	Sung Hoon JUNG	09/10/2008	Joon-Taek LEE	09/10/2008	Young Seok LEE	09/10/2008
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Joon-Taek LEE	09/10/2008												
Young Seok LEE	09/10/2008												
<b>RECEIVING PARTY DATA</b>													
<b>Name:</b>	SAMSUNG ELECTRONIC CO., LTD.												
<b>Street Address:</b>	416, MAETAN-DONG, YEONGTONG-GU,												
<b>City:</b>	SUWON-CITY, KYUNGKI-DO												
<b>State/Country:</b>	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF												
<b>PROPERTY NUMBERS Total: 1</b>													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29324598</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29324598								
Property Type	Number												
Application Number:	29324598												
<b>CORRESPONDENCE DATA</b>													
<b>Fax Number:</b>	(212)246-8925												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
<b>Phone:</b>	212-708-1803												
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<b>ATTORNEY DOCKET NUMBER:</b>	UD 051916-4												
<b>NAME OF SUBMITTER:</b>	John Richards												
<b>Total Attachments: 3</b> source=4FL-IR5570-Exchange-09162008-151004#page1.tif													

**CH \$40.00 29324598**

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source=4FL-IR5570-Exchange-09162008-151004#page3.tif

Practitioner's Docket No. UD 051916-4

*PATENT*

For: [ ] U.S. and/or [ ] Foreign Rights  
For: [ x ] U.S. Application or  
[ ] U.S. Provisional Application  
For: [ ] U.S. Patent  
For: [ ] PCT Application  
By: Multi Inventor

**ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS:**

Inventor(s) or person(s) or entity(ies) who own the invention

NAME : Dong Won CHUN

ADD.:508-1303 Hosumaul 5danji Apt. Janghang2-dong Issandonggu Koyangnsi Kyunggi-do Korea

NAME : JEONG MIN, KIM

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NAME : Sung Hoon JUNG

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NAME : Joon-Taek LEE

ADD. : 205-202 Samsung sherville No. 706 Sinbong-dong Suji -gu Yongin-si Kyunggi-do Korea

NAME : Young Seok LEE

ADD. : 104-1401 Byuksan Apt. Bongchun9-dong Gwanak-gu, Seoul, Korea

*(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)*

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_  
Frame \_\_\_\_\_

hereby sells, assigns and transfers to

**ASSIGNEE:**

SAMSUNG ELECTRONICS CO., LTD  
*(type or print name(s) of ASSIGNEE(S))*

416, Maetan-Dong, Yeongtong-Gu, Suwon-City,  
Kyungki-Do, Republic of Korea

(Assignment of Invention—page 1 of 3) 16-3

**PATENT**  
**REEL: 021536 FRAME: 0057**

Address

KOREAN

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

*(complete one of the following)*

- the entire right, title and interest
- an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) right, title and interest

for the United States and its territorial possessions

*(check the following box, if foreign rights are also to be assigned)*

- and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled:

Vacuum Cleaner

Name of inventor(s) Dong Won CHUN, JEONG MIN, KIM, Sung Hoon JUNG, Joon-Taek LEE and Young Seok LEE

*(check and complete (a), (b), (c), (d), (e), (f) or (g))*

and which is found in (37 C.F.R. 3.21)

- (a)  Not yet filed U.S. patent application executed on even date herewith
- (b)  Not yet filed U.S. patent application executed on
- (c)  Not yet filed U.S. provisional application naming the above inventor(s) for the above-entitled invention
  - To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d)  U.S. patent or provisional patent application no. \_\_\_\_\_ filed on \_\_\_\_\_
- (e)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_ filed on \_\_\_\_\_
- (f)  U.S. patent no. \_\_\_\_\_ issued
  - A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

*(also check (g), if foreign application(s) is also being assigned)*

- (g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

**WARNING:** *The date of signing must be the same as the date of execution of the application, if item (a) was checked above.*

Date: Sep..10, 2008 \_\_\_\_\_  
 Signature of ASSIGNOR Dong Won CHUN

Date: Sep..10, 2008 \_\_\_\_\_  
 Signature of ASSIGNOR JEONG MIN, KIM

Date: Sep..10, 2008 \_\_\_\_\_  
 Signature of ASSIGNOR Sung Hoon JUNG

Date: Sep..10, 2008 \_\_\_\_\_  
 Signature of ASSIGNOR Joon-Taek LEE

Date: Sep..10, 2008 \_\_\_\_\_  
 Signature of ASSIGNOR Young Seok LEE

*(if ASSIGNOR is a legal entity, complete the following information)*

\_\_\_\_\_  
*(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)*

\_\_\_\_\_  
Title

**NOTE:** *No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.*

[ ] Notarization or Legalization Page Added.

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