

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																																										
NATURE OF CONVEYANCE:	ASSIGNMENT																																										
<b>CONVEYING PARTY DATA</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> </thead> <tbody> <tr><td style="padding: 2px 5px;">Man Tae HWANG</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Hae Seock YANG</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Hoi Kil JEONG</td><td style="padding: 2px 5px;">12/12/2008</td></tr> <tr><td style="padding: 2px 5px;">Myung Sig YOO</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Jae Kyum KIM</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Moo Hyun KO</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Kie Tak HYUN</td><td style="padding: 2px 5px;">12/28/2008</td></tr> <tr><td style="padding: 2px 5px;">Jong Su CHOO</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Young Bok SON</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Kyeong Seon JEONG</td><td style="padding: 2px 5px;">12/29/2008</td></tr> <tr><td style="padding: 2px 5px;">Min PARK</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Sung Hwa LEE</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Il Joong KIM</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Jin Hyouk SHIN</td><td style="padding: 2px 5px;">12/28/2008</td></tr> <tr><td style="padding: 2px 5px;">Gun Ho HA</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Jin Wook SEO</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Chang Ho YUN</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Jin Young KIM</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Chang Hoon LEE</td><td style="padding: 2px 5px;">12/17/2008</td></tr> <tr><td style="padding: 2px 5px;">Yun Hee PARK</td><td style="padding: 2px 5px;">12/17/2008</td></tr> </tbody> </table>		Name	Execution Date	Man Tae HWANG	12/17/2008	Hae Seock YANG	12/17/2008	Hoi Kil JEONG	12/12/2008	Myung Sig YOO	12/17/2008	Jae Kyum KIM	12/17/2008	Moo Hyun KO	12/17/2008	Kie Tak HYUN	12/28/2008	Jong Su CHOO	12/17/2008	Young Bok SON	12/17/2008	Kyeong Seon JEONG	12/29/2008	Min PARK	12/17/2008	Sung Hwa LEE	12/17/2008	Il Joong KIM	12/17/2008	Jin Hyouk SHIN	12/28/2008	Gun Ho HA	12/17/2008	Jin Wook SEO	12/17/2008	Chang Ho YUN	12/17/2008	Jin Young KIM	12/17/2008	Chang Hoon LEE	12/17/2008	Yun Hee PARK	12/17/2008
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PROPERTY NUMBERS Total: 1																																											

OP \$40.00 11713022

**500780545**

**PATENT**  
**REEL: 022252 FRAME: 0418**

Property Type	Number
Application Number:	11713022

CORRESPONDENCE DATA	
Fax Number:	(703)766-3644
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	7037663777
Email:	mail@ked-iplaw.com
Correspondent Name:	KED & ASSOCIATES, LLP
Address Line 1:	P.O. Box 221200
Address Line 4:	Chantilly, VIRGINIA 20153-1200

ATTORNEY DOCKET NUMBER:	HI-0312.01
NAME OF SUBMITTER:	Carol L. Druzbeck

Total Attachments: 2 source=HI031201Assignment#page1.tif source=HI031201Assignment#page2.tif
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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                            |                               |
|----------------------------|-------------------------------|
| (1) <u>Man Tae HWANG</u>   | (4) <u>Myung Sig YOO</u>      |
| (2) <u>Hae Seock YANG</u>  | (5) <u>Jae Kyum KIM</u>       |
| (3) <u>Hoi Kil JEONG</u>   | (6) <u>Moo Hyun KO</u>        |
| (7) <u>Kie Tak HYUN</u>    | (8) <u>Jong Su Choo</u>       |
| (9) <u>Young Bok SON</u>   | (10) <u>Kyeong Seon JEONG</u> |
| (11) <u>Min PARK</u>       | (12) <u>Sung Hwa LEE</u>      |
| (13) <u>Il Joong KIM</u>   | (14) <u>Jin Hyouk SHIN</u>    |
| (15) <u>Gun Ho HA</u>      | (16) <u>Jin Wook SEO</u>      |
| (17) <u>Chang Ho YUN</u>   | (18) <u>Jin Young KIM</u>     |
| (19) <u>Chang Hoon LEE</u> | (20) <u>Yun Hee PARK</u>      |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

LG Electronics Inc.

20, Yoido-dong, Yongdungpo-gu

Seoul, Korea 150-721

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

VACUUM CLEANER

(a) for which an application for United States Letters Patent was filed on March 2, 2007, and identified by United States Serial No. 11/713,022; or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and/or that claim priority thereto and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof and/or that claim priority thereto, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

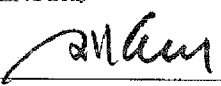
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

AND the undersigned hereby grants the firm of KED & ASSOCIATES, LLP the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of any issuing authority, including the United States Patent and Trademark Office, for recordation of this document.

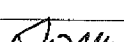
SIGNED on the dates indicated aside our signatures:

INVENTORS

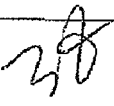
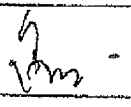
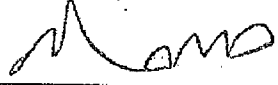
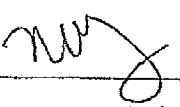
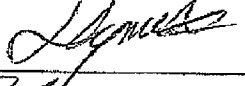
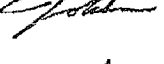
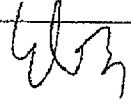
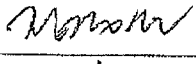


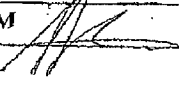
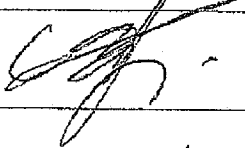
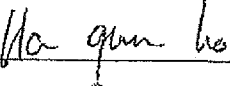
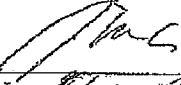
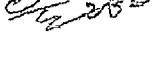

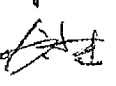
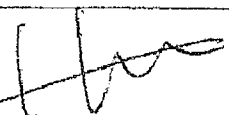
DATE SIGNED

1)   
Name: Man Tae HWANG

08.12.17

2)   
Name: Hae Seock YANG

**PATENT**  
**REEL: 022252 FRAME: 0420**

3)	Name: Hoi Kil JEONG		08.12.12
4)	Name: Myung Sig YOO		2008.12.17
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