

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the Assignor's DOC DATE previously recorded on Reel 026240 Frame 0399. Assignor(s) hereby confirms the Assignment.

**CONVEYING PARTY DATA**

Name	Execution Date
Man Tae HWANG	02/23/2009
Hae Seock YANG	02/23/2009
Hoi Kil JEONG	02/23/2009
Myung Sig YOO	02/23/2009
Jae Kyum KIM	04/02/2009
Moo Hyun KO	02/23/2009
Kie Tak HYUN	02/23/2009
Jong Su CHOO	02/23/2009
Young Bok SON	02/21/2009
Kyeong Seon JEONG	02/13/2009
Min PARK	02/26/2009
Sung Hwa LEE	02/26/2009
Il Joong KIM	02/25/2009
Jin Hyouk SHIN	02/23/2009
Gun Ho HA	02/23/2009
Jin Wook SEO	02/23/2009
Chang Ho YUN	02/25/2009
Jin Young KIM	02/23/2009
Chang Hoon LEE	02/23/2009
Yun Hee PARK	02/23/2009
Hyuk-Min KWON	02/23/2009
Young-Gun MIN	02/23/2009

**RECEIVING PARTY DATA**

<b>Name:</b>	LG ELECTRONICS INC.
<b>Street Address:</b>	20, YOIDO-DONG, YOUNGDUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>Postal Code:</b>	150-721

OP \$40.00 12407983

**PATENT**

**501621996**

**REEL: 026736 FRAME: 0348**

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12407983

**CORRESPONDENCE DATA**

Fax Number: (703)766-3644  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Email: mail@ked-iplaw.com  
Correspondent Name: KED & Associates, LLP  
Address Line 1: P.O. BOX 8638  
Address Line 4: RESTON, VIRGINIA 20195

ATTORNEY DOCKET NUMBER: HI-0313.09

NAME OF SUBMITTER: Carol L. Druzbeck

Total Attachments: 22  
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PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

05/06/2011  
 501522844

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignor names previously recorded on Reel 022921 Frame 0516. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Man Tae HWANG	02/23/2009
Hae Seock YANG	02/23/2009
Hoi Kil JEONG	02/23/2009
Myung Sig YOO	02/23/2009
Jae Kyum KIM	04/02/2009
Moo Hyun KO	02/23/2009
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Chang Ho YUN	02/23/2009
Jin Young KIM	02/23/2009
Chang Hoon LEE	02/23/2009
Yun Hee PARK	02/23/2009
Hyuk-Min KWON	02/23/2009
Young-Gun MIN	02/23/2009

OP \$40.00 12407989

RECEIVING PARTY DATA

Name:	LG Electronics Inc.
Street Address:	20, Yoido-dong, Youngdungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12407983

CORRESPONDENCE DATA

Fax Number: (703)766-3644  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
Email: mail@ked-iplaw.com  
Correspondent Name: KED & Associates, LLP  
Address Line 1: P.O. Box 8638  
Address Line 4: Reston, VIRGINIA 20195

ATTORNEY DOCKET NUMBER:	HI-0313.09
NAME OF SUBMITTER:	Carol L. Druzbeck

Total Attachments: 13  
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Docket No.: HI-0313.09

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>   | 2) <u>Hae Seock YANG</u>     |
| 3) <u>Hoi Kil JEONG</u>   | 4) <u>Myung Sig YOO</u>      |
| 5) <u>Jae Kyum KIM</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 Hyonk 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>      |
| 21) <u>Hyuk-Min KWON</u>  | 22) <u>Young-Gun MIN</u>     |

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

LG Electronics Inc.  
20, Yoido-dong, Youngdungpo-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 AND METHOD OF CONTROLLING THE SAME

- (a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_; 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 beside our signatures:

INVENTORS

DATE SIGNED

1) Name: Man Tac HWANG

09. 2. 23

2) Name: Hae Seock YANG

09. 2. 23

3) Name: Hoi Kil JEONG

09. 2. 23

4) Name: Myung Sig YOO

09. 2. 23

5) Name: Jae Kyum KIM

6) Name: Moo Hyun KO

2009. 2. 23  
2009. 2. 23

7) Name: Kie Tak HYUN

8) Name: Jong Su CHOO

2009. 2. 23

9) Name: Young Bok SON

2009. 2. 23

10) Name: Kyeong Seon JEONG

2009. 2. 13

11) Name: Min PARK

2009. 2. 26

12) Name: Sung Hwa LEE

2009. 2. 26

13) Name: Il Joong KIM

2009. 2. 25

14) Name: Jin Hyeok SHIN

2009. 2. 23

15) Name: Gun Ho HA

2009. 2. 23

16) Name: Jin Wook SEO

2009. 2. 23

17) Name: Chang Ho YUN

18) Name: Jin Young KIM

2009. 2. 23

19) Name: Chang Hoon LEE

2009. 2. 23

20) Name: Yun Hee PARK

2009. 2. 23

INVENTORS

DATE SIGNED

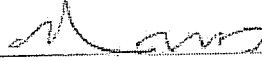
1) Name: Man Tae HWANG

2) Name: Hae Seock YANG

3) Name: Hoi IGI JEONG

4) Name: Myung Sig YOO

5) Name: Jae Kyum KIM

6)   
Name: Moo Hyun KO

02. APR. 2009

7) Name: Kic Tak HYUN

8) Name: Jong Su CHOO

9) Name: Young Bok SON

10) Name: Kyeong Seon JEONG

11) Name: Min PARK

12) Name: Sung Hwa LEE

13) Name: Il Joong KIM

14) Name: Jin Hyonk SHIN

15) Name: Gun Ho HA

16) Name: Jin Wook SEO

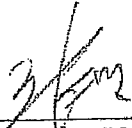
17) Name: Chang Ho YUN

18) Name: Jin Young KIM

19) Name: Chang Hoon LEE

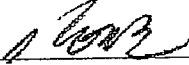
20) Name: Yun Hee PARK

21)

  
Name: Hyun-Min KWON

2009. 2. 23

22)

  
Name: Young-Gun MIN

2009. 2. 23



INVENTORS

DATE SIGNED

1) Name: Man Tae HWANG

\_\_\_\_\_

2) Name: Hae Seock YANG

\_\_\_\_\_

3) Name: Hei Kil JEONG

\_\_\_\_\_

4) Name: Myung Sig YOO

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5) Name: Jae Kyum KIM

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\_\_\_\_\_

15) Name: Gui Ho HA

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16) Name: Jin Wook SEO

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\_\_\_\_\_

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\_\_\_\_\_

2009. 7. 25