

U.S. PTO  
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103494305

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or the new address(es) below.

**1. Name of conveying party(ies)**

Jang-keun OH  
Hyoun-soo KIM

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**2. Name and address of receiving party(ies)**

Name: Samsung Gwangju Electronics Co., Ltd.

Internal Address:

Street Address: 271, Oseon-dong, Gwangsan-gu

City: Gwangju-city

State: Zip:

Country: Republic of Korea

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) March 24, 2008

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

**4. Application number(s) or patent number(s):** ☒ This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Customer No.: 27557  
Blank Rome LLP  
600 New Hampshire Avenue, N.W.  
Washington, D.C. 20037  
Phone: 202-772-5800  
Fax: 202-572-8398

Attorney Docket No.: 116511-00251

**6. Total number of applications and patents involved:** 1

**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Enclosed  
☒ Authorized to be charged to deposit account  
☐ None required (government interest not affecting title)

**8. Deposit account number:** 23-2185

(Attach duplicate copy of this page if paying by deposit account)

**9. Signature:**

Signature

March 28, 2008

Date

Michael C. Greenbaum; Reg. No. 28,419

Name of Person Signing

Total number of pages including cover  
Sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P. O. Box 1450, Alexandria, VA 22313-1450

04/02/2008 DEYRNE 00000018 232185 120/8231  
01 FC:8021 40.00 DA

**ASSIGNMENT**

- (1) Jang-keun OH
- (2) Hyoun-soo KIM
- (1-4) Insert Name(s)  
of Inventor(s) (3)
- (4)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell assign, transfer and set over, unto the assignee,

- (5) Insert Name of Assignee (5) Samsung Gwangju Electronics Co., Ltd.

- (6) Insert Address of Assignee (6) 271, Oseon-dong, Gwangsan-gu, Gwangju-city, Republic of Korea  
(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America

- (7) Insert Identification of Invention, such as Title, Case # or For. Appl. No. (7) Entitled: "Heating Apparatus and Cleaner Having the Same"  
for which the undersigned has (have) executed an application for patent in the United States of America

- (8) Insert Date of signing of application (8) on March 24, 2008  
and any and all applications for patent and patents in any and all countries, including all divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States application.

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

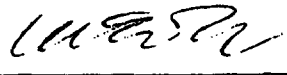

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of BLANK ROME LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>Mar. 24, 2008</u>	Signature of Inventor	<u>Jang-keun OH</u>	(seal)
			Jang-keun OH	
Date	<u>Mar. 24, 2008</u>	Signature of Inventor	<u>Hyoun-soo KIM</u>	(seal)
			Hyoun-soo KIM	
Date	_____	Signature of Inventor	_____	(seal)
Date	_____	Signature of Inventor	_____	(seal)

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness	<u></u>
	Eun-ji LEE
Witness	<u></u>
	Bo-kyoung KIM