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FORM PTO-1596
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO.: P-0329

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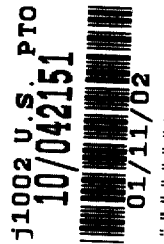
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):
1) Seong Bin LEE
2) Hyeun Sik NAM

01/11/02
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: LG Electronics Inc.
Internal Address:

Street Address: 20, Yoido-Dong, Yongdungpo-Ku
City: Seoul
State/Country: KOREA ZIP:
Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 1) December 21, 2001 2) December 26, 2001

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is: 1) December 21, 2001 2) December 26, 2001
A. Patent Application No(s):
Filed: _____
B. Patent No(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: FLESHNER & KIM, LLP
Internal Address:

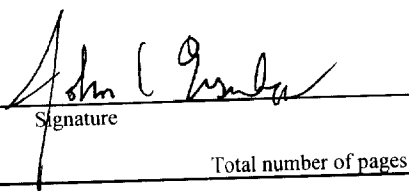
Street Address: P. O. Box 221200

City: Chantilly State: VA ZIP: 20153-1200

6. Total number of applications and patents involved: 1
7. Total fee (37 C.F.R. 3.41)..... \$40.00
 Enclosed (Check No. 01947)
 Authorized to be charged to deposit account
8. Deposit account number:
16-0607

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9. Statement and signature.
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.

John C. Eisenhart, Reg. No. 38,128  January 11, 2002
Name and Registration No. of Person Signing Signature Date
Total number of pages including cover sheet: 2

CMB No. 0851-0011 (exp. 4/94)

01/22/2002 TDIAZ1 00000125 10042151
01 FC:581 40.00 DF

Docket No: _____

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) Seong Bin LEE _____ (4) _____
- (2) Hyeon Sik NAM _____ (5) _____
- (3) _____ (6) _____

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

LG ELECTRONICS INC. _____

20, Yudo Dong, Yongdungpo-Ku, Seoul, Korea _____

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

WATER CIRCULATION CLEANER

(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 December 21, 2001 and December 26, 2001

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.

SIGNED on the dates indicated aside our signatures:

INVENTORS

DATE SIGNED

1) [Signature]
Name: Seong Bin LEE

2001.12.21

2) [Signature]
Name: Hyeon Sik NAM

2001.12.26

3) _____
Name: _____

4) _____
Name: _____

5) _____
Name: _____

6) _____
Name: _____