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

1c525 U.S. PTO
10/421836
04/24/03

1. Name of conveying party(ies):
[FAMILY NAME (ALL CAPS), Given Name]
KIM, Mi Hyun
CHO, Sung Ryun
KIM, Byung Jin
SEO, Kang Soo
PARK, Sung Wan
Additional name(s) of conveying party(ies) attached?
 YES NO

4-24-03

2. Name and address of receiving party(ies)
Name: **LG ELECTRONICS INC.**
Internal Address:
Street Address: **20, Yoido-dong, Youngdungpo-gu**
City: **Seoul** State: ZIP:
Country: **KOREA** Postal Code: **150-010**
Additional name(s) & address(es) attached? YES NO


3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other:
Execution Date: **April 22, 2003**

4. Application number(s) or patent number(s): **10421836**
If this document is being filed together with a new application, the execution date of the application is: **April 22, 2003**
A. Patent Application No(s). **NEW**
B. Patent No.(s).
Additional numbers attached? YES NO

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**
Street Address: **P.O. BOX 747**
City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**
Country: **USA**

6. Total No. of applications/patents involved: **ONE (1)**
7. Total fee (37 C.F.R. § 3.41): **\$40.00**
 Enclosed
 Authorized to be charged to deposit account, **if no fee attached.**
8. Deposit account number: **02-2448**
(Attach triplicate copy of this page if paying by deposit account)

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9. Statement and signature.
James T. Eller, Jr., #39,538  April 24, 2003
Name of Person Signing/Reg. No. Signature Date
#22463

Total number of pages including cover sheet, attachments, and document: **THREE (3)**

04/23/2003 INQUIRY# 00000010 10421836

02 FC:0021

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JTE/sll

(Rev.12/31/2002)

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

The undersigned agree (s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

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


The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.


The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.


The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, 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 U.S. Patent and Trademark Office for recordation of this document.


The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.


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

Date Apr. 22, 2003 Name of Inventor 
(signature) Mi Hyun KIM

Date Apr. 22, 2003 Name of Inventor 
(signature) Sung Ryun CHO

Date Apr. 22, 2003 Name of Inventor 
(signature) Byung Jin KIM

Date Apr. 22, 2003 Name of Inventor 
(signature) Kang Soo SEO

Date Apr. 22, 2003 Name of Inventor 
(signature) Sung Wan PARK

Date _____ Name of Inventor _____
(signature)