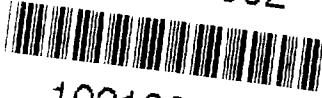


06-28-2002



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SHEET

11040 U.S. PTC
10/173883
06/19/02

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

1. Name of conveying party(ies):
[FAMILY NAME (ALL CAPS), Given Name]

LEE, Hae Rim
KIM, Yong Woo
BAE, Jae Buem
SONG, Yong Min
LEE, Kam Gyu
OCK, Jo Ho
HWANG, Sung Jin

Additional name(s) of conveying party(ies) attached?
 YES NO

6-19-02

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:
Additional name(s) & address(es) attached? YES NO

3. Nature of conveyance:
 Assignment Merger

Execution Date: June 14, 2002

4. Application number(s) or patent number(s): 10173883
If this document is being filed together with a new application, the execution date of the application is: June 14, 2002

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.
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.

James T. Eller, Jr., #39,538
Name of Person Signing/Reg. No.

James T. Eller, Jr.
Signature

June 19, 2002
Date

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

06/25/2002 MBELETE1 00000017 10173883
03 FC:581 40.00 OP

JTE/cqc
(Rev. 02/11/02)

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	<u>June 14, 2002</u>	Name of Inventor	<u>이해림</u> (signature) Hae Rim Lee
Date	<u>June 14, 2002</u>	Name of Inventor	<u>[Signature]</u> (signature) Yong Woo KIM
Date	<u>June 14, 2002</u>	Name of Inventor	<u>배재범</u> (signature) Jae Buem BAe
Date	<u>June 14, 2002</u>	Name of Inventor	<u>[Signature]</u> (signature) Yong Min SONG
Date	<u>June 14, 2002</u>	Name of Inventor	<u>[Signature]</u> (signature) Kam Gyu Lee
Date	<u>June 14, 2002</u>	Name of Inventor	<u>[Signature]</u> (signature) Ju Ho OCK
Date	<u>June 14, 2002</u>	Name of Inventor	<u>[Signature]</u> (signature) Sung Jia HWANG