To the Assistant Commissioner for Patents:

Additional name(s) of conveying party(ies) attached?

Execution Date: September 13, 1999

Additional numbers attached: __ Yes __ X No

concerning document should be mailed:

Name and address of party to whom correspondence

Mr. Robert J. Gaybrick

Customer No. 09629

State: D.C. **Zip:** 20036

1800 M Street, N.W.

Morgan, Lewis & Bockius LLP

4. Application number(s) or patent number(s):

A. Patent Application No.(s)

__ Merger

_ Change of Name

1. Name of conveying party(ies):

1. Young Ki KWON 2. In Seong HWANG

Yes X No

3. Nature of conveyance:

X Assignment

__ Other_____

__ Security Agreement

3. Sung Hun CHO 4. Seung Hyun LEE 5. Won Seok CHO

10-07-1999

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.: 041993-5123

SHEET



101164716

Please record the attached original documents or copy thereof. ATTN: BOX ASSIGNMENT 2. Name and address of receiving party(ies): 9-27-99 Name: LG ELECTRONICS INC. Internal Address: Street Address: 20, Yoido-Dong, Yongdungpo-Ku, Seoul Korea City: State: Zip: Additional name(s) & address(es) attached? If this document is being filed together with a new application the execution date of the application is: September 13, 1999 B. Patent No.(s) 6. Total number of applications and patents involved: 1 7. Total fee (37 C.F.R §3.41): <u>\$40.00</u> X Enclosed __ Authorized to be charged to deposit account 50-0310 8. Deposit account number: 50-0310 Attach duplicate of page if paying by deposit account To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of September 27, 1999

9. Statement and Signature

Internal Address:

Street Address:

City: Washington

the original document.

J. Michael Thesz

Name of Person Signing

0/06/1998 NIMACO - 600-0354 37407000

WA01A/24265 1

5.

Name:

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

PATENT REEL: 010282 FRAME: 0266

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: PROTOCOL INTERFACING METHOD for which I/WE executed an application for United States Letters Patent concurrently herewith; or on _____; or filed an application for United States Letters Patent on WHEREAS, LG ELECTRONICS INC. , whose post office address is a corporation of Korea 20, Yoido-Dong, Yongdungpo-Ku, Seoul, Korea (hereinafter referred to as Assignee). s desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issue upon this application: NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer. and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding. sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful paths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns. AND, I'WE HEREBY authorize and request the attorneys I/WE have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _______, filed _______ the filing date and application number of said application when known. IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). Assignor's Signature 1. Full Name of Sole of First Assignor Sep. 13, 1999 Young Ki KWON Citizenship Add:ess 254-5, Hongje 3-Dong, Seodaemun-Ku, Seoul, Korea Republic of Korea Assignor's Signature Date 2. Full Name of Second Assignor In Seong HWANG Sep. 13, 1999

MORGAN, LEWIS & BOCKIUS

397-3, Sangkye 2-Dong, Nowon-Ku, Seoul, Korea

Address

Citizenship

republic of Korea

| Continued From First Page of Assignment Attorney Do | | ocket No.: |
|--|-------------------------------------|----------------------------------|
| 3. Full Name of Third Assignor Sung Hun CHO | Assignor's Signature Sungfumblee | Date ACY, 13, 1999 |
| Address Jukong Apt. 97-104, 660-4, Seoul, KOrea | Gaepo Dong, Kangnam-Ku, | Citizenship Republic of Korea |
| 4. Full Name of Fourth Assignor Seung Hyun LEE | Assignor's Signature | Date Sep. 13.1999 |
| Address 621-403, Joongheung maeul, Buchun, Kyungki-Do, Korea | Joon 3-Dong, wonmi-Ku, | Citizenship Republic of Korea |
| 5. Full Name of Fifth Assignor Won Seok CHO | Assignor's Signature UCM scopens | Date Aug. 13 : 1997 |
| Address Sinan Apt. 531-806, 963-2, Paldal-Ku, Suwon, Kyungki- | | Citizenship Republic of Korea |
| 6. Full Name of Sixth Assignor | Assignor's Signature | Date |
| Address | | Citizenship |
| 7. Full Name of Seventh Assignor | Assignor's Signature | Date |
| Address | | Citizenship |
| 8. Full Name of Eighth Assignor | Assignor's Signature | Date |
| Address | | Citizenship |
| 9. Full Name of Ninth Assignor | Assignor's Signature | Date |
| Address | <u> </u> | Citizenship |
| 10. Full Name of Tenth Assignor | Assignor's Signature | Date |
| Address | <u> </u> | Citizenship |
| 11. Full Name of Eleventh Assignor | Assignor's Signature | Date |
| Address | <u> </u> | Citizenship |

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PATENT REEL: 010282 FRAME: 0268