

12-15-1998



PATENT

IN THE TRADEMARK OFFICE  
100859939

Applicant(s): BU, Jong Uk; YANG, Keun Young; NOH, Sung Woo

Serial No.: Group:

Filed: July 2, 1997 Examiner:

For: ANNULAR SHUTTER MIRROR AND MANUFACTURING METHOD THEREOF AND  
DIFFERENT-TYPE OPTICAL PICKUP APPARATUS THEREBY

*MRP  
7-2-97*

Date: July 2, 1997

Docket No.: 2658-0107P

RECORDING OF ASSIGNMENT

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

*08/887, 221*

Sir:

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies) (e.g. inventor(s)):

BU, Jong Uk,  
YANG, Keun Young; NOH, Sung Woo

2. Name and address of receiving party(ies) (e.g. assignee):

LG ELECTRONICS INC.  
20, Yoido-Dong, Youngdungpo-Ku, Seoul, Korea

*USE*

2658-0107P

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name
- Other \_\_\_\_\_

Execution Date: June 3, 1997

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

If this document is being filed together with a new patent application, the execution date(s) of the application is (are) June 3, 1997

A. Patent Application No. (s):

B. Patent No. (s):

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

Birch, Stewart, Kolasch & Birch, LLP  
P. O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

6. Total Number of applications and patents involved: One (1)

7.  The recording fee in the amount of \$ 40.00 is enclosed.

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- 8.      Please charge Deposit Account No. 02-2448 in the amount of \$    . A duplicate copy of this request is enclosed.
- 9.   X   The Commissioner is hereby authorized to charge any fees under 37 C.F.R. Sections 1.16-1.21(h) which may be required, or credit any overpayment to Deposit Account No. 02-2448.

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.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

Date: July 2, 1997

By: 

TERRY L. CLARK  
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/djm

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS, AND DOCUMENT: 05

(Rev. 12/21/93)

**BIRCH, STEWART, KOLASCH & BIRCH**  
United States Patent Attorneys

ATTORNEY DOCKET NO. 2658-107P

## ASSIGNMENT

Serial No. New Filed 07/02/97

Insert Name(s)  
of Inventor(s)

WHEREAS, Jong Uk BU of #510-1501, Hansol Jukong Apartment  
Jeongja-Dong, Bundang-Ku, Sungnam-Si, Kyungki-Do, Korea  
Keun Young YANG of #110-105, Hansung Apartment, 698-2,  
Poogduckcheon-Ri, Suji-eub, Yongin-Si, Kyungki-Do, Korea  
Sung Woo NOH of #102-302, Hyojach'on, Seohyun-Dong,  
Bundang-Ku, Sungnam-Si, Kyungki-Do, Korea

Insert Title  
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

"ANNULAR SHUTTER MIRROR AND MANUFACTURING METHOD

THEREOF AND DIFFERENT-TYPE OPTICAL PICKUP APPARATUS THEREBY"

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date  
of Signing of  
Application

on third June, 1997 and

WHEREAS, LG ELECTRONICS INC.

Insert Name  
of Assignee

Insert Address  
of Assignee

of 20, Yoido-Dong, Youngdungpo-Ku, Seoul, Korea

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America:

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted

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

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The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters 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 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 Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing 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 and Birch 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.

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

Date 06/03/1997 Name of Inventor Jong Uk BU (signature) (SEAL)

Date 06/03/1997 Name of Inventor Keun Young YANG (signature) (SEAL)

Date 06/03/1997 Name of Inventor Sung Woon NOH (signature) (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (signature) (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (signature) (SEAL)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who sign here.)

Witness Chang yong KIM Changyong Kim

Witness Kyung Ae YU Kyung ae Yu

Witness \_\_\_\_\_ PATENT \_\_\_\_\_