

04-23-2003



FORM PTO-1595

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U.S. DEPARTMENT OF COMMERCE

102427347  
**PATENTS ONLY**

2001 Staas & Halsey LLP

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

1. Name of conveying party(ies):  
(1) Sung-ha KIM (2) Kun-ho CHO (3) Dae-sik KIM

2. Name and Address of receiving party(ies):

SAMSUNG ELECTRONICS CO., LTD.  
416 Maetan-dong, Paldal-gu  
Suwon City, Kyungki-do  
Republic of Korea

4.15.03

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date(s): April 11, 2003

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

☒ This document is being filed together with a new application:

(a) The execution date(s) of the application is/are: April 11, 2003

(b) The title is: ILLUMINATION OPTICAL UNIT EMPLOYING DICHROIC MIRROR WHEEL  
AND IMAGE DISPLAY SYSTEM INCLUDING THE ILLUMINATION OPTICAL  
UNIT

OR

☐ This document is being filed after filing of the application:

(a) Patent Application No(s). \_\_\_\_\_, filed \_\_\_\_\_; or

(b) Patent No(s). \_\_\_\_\_, issued \_\_\_\_\_

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

STAAS & HALSEY LLP

Our Docket: 1293.1692

Attention: Michael D. Stein

700 Eleventh Street, N.W., Suite 500

Washington, D.C. 20001

04/16/2003 HDEMESS1 00000046 10413489

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40.00 DP

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment)

☒ Enclosed  
☐ Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)

(Attach duplicate copy of this page if paying by deposit account)

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.

Michael D. Stein, Reg. No. 37,240

Name of Person Signing

Signature

Date

Total number of pages including cover sheet: 2

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**PATENT**  
**REEL: 013971 FRAME: 0032**

# U.S. ASSIGNMENT

S&H 1/00

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD  
416 Maetan-dong, Paldal-gu, Suwon-city  
Kyungki-do, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled  
(Title of Invention)

ILLUMINATION OPTICAL UNIT EMPLOYING DICHROIC MIRROR WHEEL AND IMAGE DISPLAY SYSTEM  
INCLUDING THE ILLUMINATION OPTICAL UNIT

relating to International Patent Application PCT/JP \_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on 11 April 2003; (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_

Serial No. \_\_\_\_\_

Any registered attorney of STAAS & HALSEY LLP, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) <u>Sung-ha Kim</u>	<u>11 April 2003</u>	
Sung-ha Kim		
2) <u>CHO KUN HO</u>	<u>11 April 2003</u>	
Kun-ho Cho		
3) <u>KIM DAESIK</u>	<u>11 April 2003</u>	
Dae-sik Kim		
4) _____	_____	_____
5) _____	_____	_____