FORM PTO-1595



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

DOCKET NO. 2336-294	
102766	170
To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereto:
1. Name of conveying party(ies):	Name and address of receiving party(ies):
1. Hyun Kyung KIM	Name: Samsung Electro-Mechanics Co., Ltd.
, ,	Street Address: 314 Maetan-3-dong, Youngtong-ku
	City: Kyungki-do, Suwon
	Country: Republic of Korea
	8/8
3. Nature of conveyance:	City: Kyungki-do, Suwon  Country: Republic of Korea
☑ Assignment ☐ Merger	
☐ Security Agreement ☐ Change of Name	
□ Other	
Execution Date: May 27, 2004	Additional name(s) & address(es) attached? ☐ Yes ☒ No
4. Application number(s) or patent number(s):	461510
If the document is being filed together with a new application, the	
A. Patent Application No(s).	B. Patent No(s).
A. Talent Application No(s).	B. 1 alcht 110(s).
Additional numbers atta	ched? Yes X No
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved: one
concerning document should be mailed:	7. Total fee (37 CFR 3.41).\$ 40.00
Name:	□ Enclosed
LOWE HAUPTMAN GILMAN & BERNER	☐ Authorized to be charged to deposit account
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9. Signature.	
Benjamin J. Hauptman, 29,310	June 7, 2004
Name of Person, Registration No.	Signature Date
Total number of pages including cover sheet, attachment, and document:	3
CMB No. 0851-0011 (exp. 4/94)	
/	
06/09/2004 HALI11 00000033 10861510	

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PATENT REEL: 015446 FRAME: 0343 Docket No.

## **ASSIGNMENT**

In consideration of the premises and other good and valuable
consideration in hand paid, the receipt and sufficiency of which is hereby
acknowledged, the undersigned,
(1) KIM, Hyun Kyung (4)
(2)
(3) (6)
who have made a certain new and useful invention, hereby sell, assign and
transfer unto
SAMSUNG ELECTRO-MECHANICS CO., LTD.
314 Maetan-3-dong, Youngtong-ku,
Suwon, Kyungki-do, Republic of Korea
its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled <a href="METHOD OF MANUFACTURING GALLIUM">METHOD OF MANUFACTURING GALLIUM</a> <a href="MITRIDE BASED SEMICONDUCTOR LIGHT EMITTING DEVICE">MITRIDE BASED SEMICONDUCTOR LIGHT EMITTING DEVICE</a>
(a) for which an application for United States Letters Patent was filed on
, and identified by United States Serial No;
(b) for which an application for United States Letters Patent was executed on,
and the undersigned hereby authorize and request the United States
Commissioner of Patents and Trademarks to issue any and all United States
Letters Patent which may be granted therefor and any and all extensions,
divisions, reissues, substitutes, renewals, continuations, or continuations-in-
part thereof, and the right to all benefits under the International Convention for
the Protection of Industrial Property to the said ASSIGNEE, for its interest as
ASSIGNEE, its successors, assigns and legal representatives; the
undersigned agree that the attorneys of record in said application shall

hereafter act on behalf of said ASSIGNEE;

PATENT REEL: 015446 FRAME: 0344 AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTOR(S)

DATE SIGNED

1) \_\_\_\_\_\_\_\_

RECORDED: 06/07/2004

May 27, 2004

Name: KIM, Hyun Kyung

PATENT REEL: 015446 FRAME: 0345