

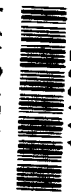
11-17-2005

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NLYTO THE COMMISSIONER OF THE U.S.  
Sir:

Please record the attached original

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and of copy, if any, as follows.

**1. NAME OF CONVEYING PARTIES [ASSIGNOR(S)]:**a. KIM, Gi Heon  
c. YOU, In Kyu  
e. SUH, Kyung Soo  
g.b. YOON, Sung Min  
d. BAEK, Kyu Ha  
f.  
h.ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO113211 U.S. PTO  
11/270471

111005

**2. PARTIES [ASSIGNEE(S)] RECEIVING INTEREST:**

NAME: ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE

ADDRESS: 161 Gajeong-dong, Yuseong-Gu,  
Daejeon-shi, Republic of KoreaADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO**3. NATURE OF CONVEYANCE/DOCUMENT:**☒ Assignment  
☐ Change of Name  
☐ Other:Assignment of:  
☐ Part interest  
☒ Whole interestConveyance document attached is a:  
☒ Copy  
☐ Original  
☐ Certified document

Execution Date(s) on the Conveyance/Document: June 29, 2004

Execution Date(s) on the Declaration (if filed herewith): June 29, 2004

**4. APPLICATION AND/OR PATENT NUMBER(S):**Additional sheets attached? ☐ YES ☒ NO

a. Application Number(s)	Matter No.	First Inventor	b. Patent Number(s)	Matter No.	First Inventor
(unassigned)	05145704	KIM et al.			

**5. NAME & ADDRESS OF PARTY TO WHOM  
CORRESPONDENCE CONCERNING DOCUMENT  
SHOULD BE MAILED:**Customer No. 43569  
Mayer, Brown, Rowe & Maw LLP  
Intellectual Property Group  
1909 K Street, N.W.  
Washington, D.C. 20006-1101**6. NUMBER OF PROPERTIES INVOLVED:**

Applns 1 + Patents 0 = Total: 1

**7. AMOUNT OF FEE DUE:**

Above Total 1 x \$40 = \$40 (Fee Code 8021)

**8. PLEASE CHARGE TO:**

DEPOSIT ACCOUNT NO. 503-121

Under Order No. 123034-05145704

Client/Matter No.

9. 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.

10. TOTAL NUMBER OF PAGES (including cover sheet, attachments and documents): 2

11/16/2005 DBYRME 00000168 503121 11270471  
01 FC 8021 40.00 DA

Signature

Name of Attorney: Yoon S. Ham  
Registration No. 45,307

Date: November 10, 2005

Telephone: (202) 263-3280 / Facsimile: (202) 263-5280

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PATENT  
REEL: 017226 FRAME: 0669

# UNITED STATES OF AMERICA - ASSIGNMENT

(1-11)	Insert Name(s) of Inventors	(1)	Gi Heon KIM	(2)	Sung Min YOON
		(3)	In Kyu YOU	(4)	Kyu Ha BAEK and
		(5)	Kyung Soo SUH		
		(6)			
In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to					
(7)	Insert Name of Assignee	(7)	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE		
(8)	Insert Address of Assignee	(8)	Of 161 Gajeong-dong, Yuseong-Gu, Daejeon-Shi, Republic of Korea		
(9)	Insert Legal Entity and State or Country (e.g., a corporation or citizen of Korea)	(9)	A(n) Institute of Republic of Korea	(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as	
(10)	Insert Identification of Invention, such as Title, Case Number or Foreign Application Number	(10)	ENCAPSULATED ORGANIC LUMINESCENT DISPLAY PANEL AND METHOD FOR MANUFACTURING THE SAME		
For which the undersigned has (have) executed an application for patent in the United States of					
(11)	Insert Date of signing of Application, or filing date and Serial No., if known	(11)	Said application having been executed/filed on July 9, 2004 (and assigned Serial No. New Application )		

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

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.

6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, right to sue for, and collect damages for, any and all acts of past and future infringement.

7) The undersigned hereby grant(s) the law firm of **Jacobson Holman PLLC**, 400 Seventh Street, N.W., Washington, D.C. 20004, 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 United States 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	June 29, 2004	Name of Inventor	Gi Heon KIM	[Signature]	(SEAL)
			Typed name	Signature	
Date	June 29, 2004	Name of Inventor	Sung Min YOON	[Signature]	(SEAL)
			Typed name	Signature	
Date	June 29, 2004	Name of Inventor	In Kyu YOU	[Signature]	(SEAL)
			Typed name	Signature	
Date	June 29, 2004	Name of Inventor	Kyu Ha BAEK	[Signature]	(SEAL)
			Typed name	Signature	
Date	June 29, 2004	Name of Inventor	Kyung Soo SUH	[Signature]	(SEAL)
			Typed name	Signature	
Date		Name of Inventor			(SEAL)
			Typed name	Signature	
Date		Name of Inventor			(SEAL)
			Typed name	Signature	

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

<input type="checkbox"/> Additional inventor's names and signatures on a separate sheet.	Witness	Jung Hyuk SHIN	[Signature]
	Witness	Myung Soon KIM	[Signature]

LAW OFFICES OF  
**JACOBSON HOLMAN**  
 PROFESSIONAL LIMITED LIABILITY COMPANY  
 THE JENIFER BUILDING  
 400 SEVENTH STREET, N.W.  
 WASHINGTON, D.C. 20004

JH 5/01 (Copying without deletions permitted)