

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

08-09-2001

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101805230

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New *07/24/01*

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

J1046 U.S. PTO
09/10891
07/24/01

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
Month Day Year

Name (line 1)

7/17/2001

Name (line 2)

Second Party

Name (line 1)

Execution Date
Month Day Year
7/17/2001

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

The PTO did not receive the following listed item(s) 240 assignment

09910891
182011
0000158
08/08/2001
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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 012042 FRAME: 0049

Correspondent Name and Address Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT

only if a U.S. Application Number has not been assigned. PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

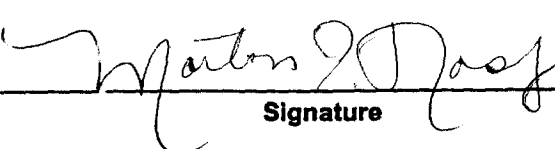
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Morton J. Rosenberg 

Name of Person Signing Signature Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) TING-SHAN CHAN
Name (line 2)
Name (line 1) JEFFREY SU
Name (line 2)
Name (line 1) MICHAEL HSING
Name (line 2)

Execution Date
Month Day Year
7/17/2001

Execution Date
Month Day Year
7/17/2001

Execution Date
Month Day Year
7/17/2001

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3) City State/Country Zip Code
Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 3) City State/Country Zip Code

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT DEED

This Assignment agreement is applicable to an invention entitled (invention Title) LIGHT EMITTING DIODE AND METHOD FOR MAKING THE SAME

The PATENT RIGHTS referred to in this agreement are:

- (Check one) a Patent Application for this invention, executed by the ASSIGNOR(s) concurrently with this Assignment
 - U.S. Patent Application Serial No. _____, filed _____
 - U.S. Patent No. _____, issued _____

The PATENT RIGHTS assigned under this agreement are:

- (Check One) U.S. Patent rights only
 - worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of sole or first inventor) RU-SHI LIU (FAMILY NAME: LIU)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of second joint inventor, if any) CHIEN-YUAN WANG (FAMILY NAME: WANG)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of third joint inventor, if any) TING-SHAN CHAN (FAMILY NAME: CHAN)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of fourth joint inventor, if any) JEFFREY SU (FAMILY NAME: SU)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of fifth joint inventor, if any) MICHAEL HSING (FAMILY NAME: HSING)
(Address) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

(Full name of sixth joint inventor, if any) _____
(Address) _____

(Full name of seventh joint inventor, if any) _____
(Address) _____

(Full name of eighth joint inventor, if any) _____
(Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) LITE-ON ELECTRONICS, INC. (CHAIRMAN: RAYMOND SOONG; Family name: SOONG)
(Address of Assignee) 90, CHIEN I ROAD, CHUNG HO, TAIPEI HSIEN, TAIWAN, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Fourth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Fifth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
(Address of Assignee) _____

The Sixth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The Seventh ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The Eighth ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____

(Address of Assignee) _____

The First ASSIGNEE IS:

(Check One) an individual

a partnership

a Corporation of TAIWAN, R.O.C.

(State or Country)

The Second ASSIGNEE is:

(Check One) an individual

a partnership

a Corporation of _____

(State or Country)

The Third Assignee is:

(Check One) an individual

a partnership

a Corporation of _____

(State or Country)

The Fourth Assignee is:

(Check One) an individual

a partnership

a Corporation of _____

(State or Country)

The Fifth Assignee is:

(Check One) an individual

a partnership

a Corporation of _____

(State or Country)

The Sixth Assignee is:

(Check One) an individual

a partnership

a Corporation of _____

(State or Country)

The Seventh Assignee is:

(Check One) an individual

a partnership

a Corporation of _____

(State or Country)

The Eighth Assignee is:

(Check One) an individual

a partnership

a Corporation of _____

(State or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;

an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS; and

the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(S) hereby authorize(s) and requests the Commissioner of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforced proper protection for said invention.

<u>Ru-Shi Liu</u> (Signature of sole or first inventor) NAME)	RU-SHI LIU (LIU IS FAMILY NAME)	JULY 17, 2001 (Date)
<u>Chien-Yuan Wang</u> (Signature of second inventor, if any)	CHIEN-YUAN WANG (WANG IS FAMILY NAME)	JULY 17, 2001 (Date)
<u>Ting-Shan Chan</u> (Signature of third inventor, if any)	TING-SHAN CHAN (CHAN IS FAMILY NAME)	JULY 17, 2001 (Date)
<u>Jeffrey Su</u> (Signature of fourth inventor, if any)	JEFFREY SU (SU IS FAMILY NAME)	JULY 17, 2001 (Date)
<u>Michael Hsing</u> (Signature of fifth inventor, if any)	MICHAEL HSING (HSING IS FAMILY NAME)	JULY 17, 2001 (Date)
_____ (Signature of sixth inventor, if any)		_____ (Date)
_____ (Signature of seventh inventor, if any)		_____ (Date)
_____ (Signature of eighth inventor, if any)		_____ (Date)