

01-24-2003

Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)



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

1. Name of conveying party(ies):
Hiroshi Nakamura Geok Ing Ng
Ting Cheong Ang
Kian Siong Ang
Subrata Halder

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: **Denselight Semiconductor Pte Ltd**
Internal Address: _____

_____ **1-17-03** _____

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: **6 Changi North Street 2**
Changi North Industrial Estate

Country: **Singapore** Zip: **498831**
Additional name(s) & address(es) attached? Yes No

Execution Date: **See Attached**

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) **10/289,684** B. Patent No.(s) _____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **Kurt M. Maschoff**
Internal Address: **Buckley, Maschoff, Talwalkar & Allison LLC**
Street Address: **Five Elm Street**
City: **New Canaan** State: **CT** Zip: **06840**

6. Total number of applications and patents involved: **Eqd**
7. Total fee (37 CFR 3.41). \$40.00
 Enclosed – credit card authorization form.
 Authorized to be charged to deposit account

8. Deposit account number: _____
(Attach duplicate copy of this page if paying by deposit account)

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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.

Kurt M. Maschoff _____ **January 10, 2003**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: **2**

01/23/2003 LMUELLER 00000195 10289684
01 FC:8021 40.00 OP

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

**ASSIGNMENT RECORDATION COVER SHEET
ATTACHMENT FOR ADDITIONAL INFORMATION**

Name of Conveying Parties Assignment Execution Date

Hiroshi Nakamura	December 3, 2002
Ting Cheong Ang	November 30, 2002
Kian Siong Ang	November 30, 2002
Subrata Halder	December 17, 2002
Geok Ing Ng	December 3, 2002

Name(s) of Inventors

- (1) Hiroshi NAKAMURA (2) Ting Cheong ANG
 (3) Kian Siong ANG (4) Subrata HALDER
 (5) Geok Ing NG

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to

Name of Assignee DENSELIGHT SEMICONDUCTORS PTE LTD

Address of Assignee 6 Changi North Street 2, Changi North Industrial Estate
 Singapore 498831

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

Title FABRICATION OF A HETEROJUNCTION BIPOLAR TRANSISTOR WITH

for which the undersigned has (have) executed an application for patent in the United States of America

Date of Signing of Application on 11/30/02; 12/3/02 and 12/17/02
 Alternative Identification U.S. Application Serial Number 10/289,684
 for filed applications filed November 7, 2002

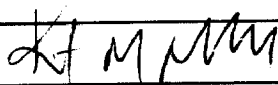
- 1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division 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 or provisions of the International Convention 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 Assignee.
- 5) The undersigned hereby authorise(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has/she has (they have) full right to convey the entire interest herein assigned, and that he has/she has (they have) not executed, and will not execute, any agreements in conflict herewith.
- 6) The undersigned hereby grant(s) to the attorney(s) identified in the Declaration/Power of Attorney for this patent application, the power to insert on this assignment any further identification which may be necessary or desirable 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 07/12/2002 Signature of Inventor (1) *[Signature]*
Date 30 Nov 02 Signature of Inventor (2) *[Signature]*
Date 30/11/02 Signature of Inventor (3) *[Signature]*
Date 17/12/02 Signature of Inventor (4) *[Signature]*
Date 3/12/2002 Signature of Inventor (5) *[Signature]*
Date 31/12/2002 Witness SHEILA HO HOW CHAI *[Signature]*
Date 17/12/02 Witness JAN HONG SIEW KEN *[Signature]*

<h1>TRANSMITTAL FORM</h1> <p><i>(to be used for all correspondence after initial filing)</i></p>	Application Number	10/289,684	
	Filing Date	November 7, 2002	
	First Named Inventor	Nakamura	
	Group Art Unit	Not yet Assigned	
	Examiner Name	Not yet Assigned	
Total Number of Pages in This Submission	6	Attorney Docket Number	D04.007

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Declaration and Power of Attorney <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Credit Card Authorization Form and acknowledgement postcard.
		Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Kurt M. Maschoff
Signature	
Date	January 10, 2003

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date:			
			January 10, 2003
Type or printed name	Jill Holme		
Signature		Date	January 10, 2003

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