

08-20-1998



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

JCS14 U.S. PTO  
09/13/98  
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1. Name of conveying party(ies): Klaus Alexander Anselm James Nelson Baillargeon Alfred Yi Cho  Additional name(s) of conveying party(ies) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		2. Name and address of receiving party(ies): Name: <u>Lucent Technologies Inc.</u> Internal Address:  Street Address: <u>600 Mountain Avenue</u> P.O. Box <u>636</u> City: <u>Murray Hill</u> State: <u>NJ</u> ZIP: <u>07974-0636</u> Additional name(s) & address(es) attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: <u>August 6, 1998</u>			
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: <u>August 6, 1998</u> A. Patent Application No.(s): Patent No.(s): Additional numbers attached? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>Michael J. Urbano</u> Internal Address:  Street Address: <u>1445 Princeton Drive</u> City: <u>Bethlehem</u> State: <u>PA</u> ZIP: <u>18017-9166</u>		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40</u> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account Number: <u>12-2325</u> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
9. Statement and signature. <i>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.</i> Michael J. Urbano Name of Person Signing   Signature 8/6/98 Date  Total number of pages including cover sheet, attachments, and document: _____ Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, DC 20231			
INVENTOR CASE NAME: <u>K. A. Anselm 1-7-88</u>			

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PATENT  
REEL: 9385 FRAME: 0682

## ASSIGNMENT AND AGREEMENT

For value received, we, Klaus Alexander Anselm, of New Providence in the County of Union and State of New Jersey, James Nelson Baillargeon, of Springfield in the County of Union and State of New Jersey, and Alfred Yi Cho, of Summit in the County of Union and State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Multi-Quantum Well Lasers with Selectively Doped Barriers** described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Date: 8/6/98

Klaus Alexander Anselm  
Klaus Alexander Anselm

United States of America

State of New Jersey

County of Union

On this 6<sup>th</sup> day of August 19 98, before me personally came Klaus Alexander Anselm, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso  
Notary Public

**MARGARET CARDOSO**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 20, 1998

Date: 8-6-98

James Nelson Baillargeon  
James Nelson Baillargeon

United States of America

State of New Jersey

County of Union

On this 6<sup>th</sup> day of August 19 98, before me personally came James Nelson Baillargeon, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Margaret Cardoso  
Notary Public

**MARGARET CARDOSO**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 20, 1998

Anselm 1-7-88

Alfred Yi Cho  
Alfred Yi Cho

Date: 8/6/98

United States of America

State of New Jersey

County of Union

On this 6<sup>th</sup> day of August, 1998, before me  
personally came Alfred Yi Cho, to me known to be the individual described in and who executed the  
foregoing instrument, and acknowledged execution of the same

Margaret Cardoso  
Notary Public

**MARGARET CARDOSO**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires Dec. 20, 1998

Lucent Technologies Inc.  
Docket Administrator  
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