FORM PTO 1505 (Rev. 6-93) CMB No. 06 000 (8xp. 4x94)

HE

SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

100911006 Tab settings ⇔ ⇔ ♥ To the Honorable Commissioner of Patents and Tradernarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(les) 1. Name of conveying party(les): William Baxter Joyce Name: Lucent Technologies Daniel Paul Wilt Internal Address:__ Additional name(s) of conveying party(les) attached?

Yes

No 3. Nature of conveyance: M Assignment O Merger Street Address: 600 Mountain Aven P.O. Box 636 ☐ Security Agreement O Change of Name City: Murray Hill State: NJ Other_ Execution Date: 11/23/98 & 11/24/98 Additional name(s) & address(es) attached? CI Yes CI No 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: 11/23/98 - 11/24/A. Patent Application No.(s) B. Palent No.(s) Additional numbers attached? O Yes O No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Jean-Marc Zimmerman, Esq. 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address:_ C Enclosed Authorized to be charged to deposit account Sireel Address: 226 St. Paul Street 8. Deposit account number: 12-2325 City: Westfield State: NJ ZIP: 07090 (Attach duplicate copy of this page II paying by deposit account) DO NOT USE THIS SPACE 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. 11/24/98 Jean-Marc Zimmerman Signature Name of Person Signing

Joyce 11-4

Mail documents to be recorded with required cover sheet information to:

Total number of pages including cover sheet, attachments, and document:

12/02/1998 SBURNS 00000023 122325 09199092 Commissioner of Patents & Trademarks, Box Assignments

01 FC:581

40.00 CH

PATENT

REEL: 9609 FRAME: 0156

Joyce 11-4

ASSIGNMENT AND AGREEMENT

For value received, we, William Baxter. Joyce of Basking Ridge in the County of Somerset and State of NJ, and Daniel Paul Wilt of Orefield in the County of Lehigh and State of PA hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, USA, 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 A Method For Aligning The Optical Fiber And Laser Of Fiber-Optic Laser Modules described in an application for Letters Patent of the United States, executed by us 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.

I 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.

I 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.

I 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. they may designate.

I 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.

PATENT REEL: 9609 FRAME: 0157

Joyce 11-4

William Baxter Joyce Joyce

Date: November 93, 1998

United States of America

State of New Jersey) ss.:

City of Basking Ridge

On this 32 day of November 1998, before me personally came William Baxter Joyce, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

)

Notary Public

DEBORAH B. CORNISH NOTARY PUBLIC OF NEW JERSEY REGISTERED IN MORRIS COUNTY MY COMM. EXP. JAN. 14, 2003

Joyce 11-4

Daniel Paul Wilt

Date: November <u>24</u> 1998

United States of America

State of New Joney July

35.:

County of Lehigh den

On this 2 day of November 1998, before me personally came Daniel Paul Will, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Notarial Seal Diane L. Hughes, Notary Public Upper Macungle Twp., Lehigh County My Commission Expires Jan. 2, 1999

Member, Pennsylvania Association of Noranes

3