04-14-1998 FORM PTO-1595 (Modified) **RECO** U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1994 Legalsoft P08/REV01 Tab settings 🔷 🔷 To the Honorable Commissioner of Patents and Trauemarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): DAVID JOHN DIGIOVANNI Name: LUCENT TECHNOLOGIES INC. Internal Address: Additional names(s) of conveying party(ies) attached? 3. Nature of conveyance: Street Address: 600-700 MOUNTAIN AVENUE Assignment Merger P.O. BOX 636 ☐ Change of Name ☐ Security Agreement City: MURRAY HILL ZIP: 07974 ☐ Other State: NJ Execution Date: March 27, 1998 Additional name(s) & address(es) attached? ☐ Yes No Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 08/976,003 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: GLEN E. BOOKS, ESQ. 7. Total fee (37 CFR 3.41):....\$ 40.00 Internal Address: MATHEWS, COLLINS, SHEPHERD, Enclosed & GOULD, P.A. Authorized to be charged to deposit account 8. Deposit account number: 12-2325 City: PRINCETON ZIP: 08540 State: NJ (Attach duplicate copy of this page if 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. March 30, 1998 GLEN E. BOOKS, ESQ. Date Name of Person Signing

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

ASSIGNMENT AND AGREEMENT

For value received, I, David John DiGiovanni, of Montclair in the County of Essex 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 CLADDING-PUMPED FIBER STRUCTURES described in an application for Letters Patent of the United States, which application is being executed by me on the date indicated below, 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 I 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 me, 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. may designate.

PATENT REEL: 9120 FRAME: 0415

I agree that, when requested, I 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.

United States of America

State of New Versey
County of Chian

) ss.:

On this 27th day of Warch, 1998, before me personally came DAVID JOHN DIGIOVANNI, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

> NANCY C. MARICOVICE NOTARY PUBLIC OF NEW JERSEY Fiegistered in Union County My Commission Expires July 16, 2001

Lucent Technologies Inc. 600 Mountain Avenue (Room 3C-512) P.O. Box 636 Murray Hill, New Jersey 07974-0636

RECORDED: 04/03/1998

PATENT REEL: 9120 FRAME: 0416