11-12-1999 FORM PTO:1595 (Nodified) U.S. DEPARTMENT OF COMMERCE RECORD/ Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) PA Copyright 1994 Legaisoft P08/REV01 Tab settings → → 101198347 To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): RANKA, JINENDRA KUMAR Name: LUCENT TECHNOLOGIES INC. STENTZ, ANDREW JOHN NOV 0 5 1999 Internal Address: P. O. BOX 636 11-5-69 Additional names(s) of conveying party(ies) attached? Nature of conveyance: Street Address: 600-700 MOUNTAIN AVENUE Assignment L. Merger Security Agreement Change of Name City: MURRAY HILL ___ State: NJ Other Execution Date: OCTOBER 7, 1999 Additional name(s) & address(es) attached? X 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: A. Patent Application No.(s) B. Patent No.(s) 09/411,768 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. Enclosed SHEPHERD & GOULD, P.A. Authorized to be charged to deposit account Street Address: 100 THANET CIRCLE, SUITE 306 8. Deposit account number: 12-2325 City: PRINCETON State: NJ ZIP: 08540 (Attach duplicate copy of this page if paying by deposit account)

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.

or the original document.

GLEN E. BOOKS

Name of Person Signing

Elene Books
Signature

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NOVEMBER 3, 1999

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

4

Date

ASSIGNMENT AND AGREEMENT

For value received, we, Jinendra Kumar Ranka of Murray Hill in the County of Union and State of New Jersey, and Andrew John Stentz of Clinton in the County of Hunterdon 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, 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 OPTICAL FIBER COMMUNICATION SYSTEM EMPLOYING WAVELENGTH CONVERTERS FOR BROADBAND TRANSMISSION 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.

PATENT REEL: 010367 FRAME: 0722 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.

	Amendra K Ranka
	Jinendra Kumar Ranka
Date: 10/7/199	
United States of America)
State of Annual Consumption) ss.:
County of Alexander)
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SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2000

Notary Public

	Andrew John Stentz	
Date: 10/1/19	Andrew John/Stentz	
United States of America)	
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SHEILA R. COLE A NOTARY PUBLIC OF NEW JERSEY My Commission Expires 10/18/2000

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

> PATENT REEL: 010367 FRAME: 0724