03-20-2001

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To the Honorable Commissioner of Patents and Trac.	. documents or copy thereof.
1. Name of conveying party(ies): RENE-JEAN ESSIAMBRE	Name and address of receiving party(ies): Name: Lucent Technologies, Inc. Internal Address:
Ad !itional name(s) of conveying party(ies) attached? No 3. Mature of conveyance: No 3. Mature of conveyance: No 4. Mature of conveyance: Merger Security Agreement Change of Name Other Execution Date:	Street Address: Lucent Technologies Inc. 600 Mountain Avenue. Room 3C-512 City: Murray Hill State: NJ Zip: 07974 Additional name(s) & address(es) entered? Yes No
4. Application number(s) or patent number(s): 09/671	,924 filed 9/28/00
If this document is being filed together with a new application, th	e execution date of the application is:
A. Patent Application No(s).	B. Patent No(s).
Additional numbers attached? □Yes □ No 5. Name and address of party to whom correspondence concerning document should be addressed: 6. Total number of applications and patents involved: 5. Total number of applications and patents involved: 6. Total number of applications and patents involved: 6. Total number of applications and patents involved:	
Name: Arthur J. Torsiglieri Internal Address:	7. Total fee (37 CFR 3.41): ☐ Enclosed S Authorized to be charged to deposit account
Street Address: 2 Linden Lane City: Chatham State: NJ Zip: 07928	8. Deposit Account Number: 12-2325 (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE	THIS SPACE
 Statement and signature To the best of my knowledge and belief, the foregoing information original document. 	n is true and correct and any attached copy is a true copy of the
ARTHUR J. TORSIGLIERI AND Name of Person Signing	Signature 3-4-11
Case Name: 3-4-11 Total number	er of pages including cover sheet, attachments, and conument:

Mail documents to be recorded with required cover sheet information for Commissioner of Patents & Trademarks, for Assignments Washington, DC 20231

REEL: 011587 FRAME: 0411

ASSIGNMENT AND AGREEMENT

For value received, we, René-Jean Essiambre, of Red Bank in the County of Monmouth, and State of New Jersey, Arthur J. Judy, of Atlanta in the County of Fulton and State of Georgia, and Torben N. Nielsen, of Monmouth Beach in the County of Monmouth 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 Dispersion Compensation in Optical Fiber Transmission Lines described in an application for Letters Patent of the United States. filed on September 28, 2000, 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 may designate.

PATENT REEL: 011587 FRAME: 0412

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: March 7 2001

United States of America)

New Tersey) ss .: State of

County of Monmouth)

RECORDED: 03/15/2001

On this 7th day of March me personally came, Rene'-Jean Essiambre to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

My Commission Expires 06-04-2004

PATENT

REEL: 011587 FRAME: 0413