08-17-1998

R SHEET

U.S. DEPARTMENT OF COMMER To the Honorable Commissioner of Pasents and 1795340 weare recard the attached original documents or copy thereof. 1. Name of conveying party(ies): • 2. Name and address of receiving party(les): Nicholas J. Frigo Lucent Technologies Inc. Internal Address: Additional name(s) is conveying party(les) attached? Yes Ab 3. Nature of conveyance: Assignment ☐ Mérger Street Address: 600 Mountain Avenue P.O. Box 636 ☐ Security Agreement Change of Name 07974-Chy: Murray Hill State: NJ ZIP: 0636 Other ____ Execution Date: May 12, 1998 Additional name(s) & address(es) attached? • Yes **⊠** Na 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: A. Patent Application No.(s) B. Patent No.(s) 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: Docket Administrator Room 3C512 internal Address: ___ ☐ Enciosed SX Authorized to be charged to deposit account 600 Mountain Avenue Street Address: 8. Deposit account number: 12-.2325 P.O. Box 636

ZIP: 07974

State: NJ

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.

Julio A. Garceran Name of Person Signing

Chv: Murray Hill

(Attach duplicate copy of this page if paying by disposit account

ASSIGNMENT AND AGREEMENT

For value received, I, Nicholas J. Frigo, of Red Bank 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 Coherent Optical Communication System described in an application for Letters Patent of the United States, Serial No. 08/940755, filed September 30, 1997, 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: 9379 FRAME: 0379 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.

Michelas J. Frigo

Date: $\frac{5}{12} \frac{98}{98}$

United States of America

State of New Jerson) ss.:

County of Monmorth

On this 12+1 day of Way ,1998, before me personally came Nicholas J. Frigo, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

D. E. WORKMAN-WILLIAMS

DE Workman Williams Novary Public



RECORDED: 05/29/1998

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