03-15-1999 Form PTO 1595 RE FT. U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Pater 100982918 original documents or copy thereof. A. Name of conveying party(ies): B. Name and address of receiving party(ies): FEB 1 9 1999 Francis R. Waldman Name: LUCENT TECHNOLOGIES INC. Internal Address: 600 MOUNTAIN AVENUE MADEMAR P.O. BOX 636 [] Yes [X] No Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Street Address: [X] Assignment Merger City:MURRAY HILLState:NEW JERSEY Zip:07974-[] Security Agreement Π Change of Name 0636 Other Execution Date: 1/14/99 Additional name(s) & address(es) attached? [] Yes [X] No 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) 09/229,704 Additional numbers attached? [] Yes [X] No 5. Name and address of party to whom correspondence Total number of applications and patents concerning document should be mailed: 1 involved: Name: Darby & Darby P.C. **Internal Address:** 7. Total fee (37 CFR 3.41):.....\$40.00 02/24/1999 SLUANG 00000121 122325 09229704 Enclosed 02 FC:581 40.00 CH [X] Authorized to be charged to deposit account Street Address: 805 Third Avenue, 27th Floor 8. Deposit account number for: LUCENT TECHNOLOGIES INC. 12-2325 City: New York State: New York Zip: 10022-7513 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 40 E 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. Cheryl F. Cohen February 16, 1999 Name of Person Signing Date Total number of pages including cover sheet, attachments, and document: Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231 ::ODMA\WORLDOX\M:\1298\0E751\JMB0141.WPD

ASSIGNMENT AND AGREEMENT

For value received, I, Francis R. Waldman of Fair Haven 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 SYSTEM AND METHOD FOR INTERCONNECTING ATM SYSTEMS OVER AN INTERMEDIATE ATM NETWORK USING SWITCH VIRTUAL CONNECTIONS described in an application for Letters Patent of the United States, executed by me 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 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. they may designate.

PATENT REEL: 009804 FRAME: 0850 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.

Francis R. Waldman

Date: /-/4-99

United States of Amereica

State of New Tensey) ss.:

City of HOLHDEL)

Notary Public

DOLCRES LINQUITO

NOTARY PUBLIC OF NEW JERSEY

(1) Commission Express Nov. 28, 2000

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

RECORDED: 02/19/1999

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