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To the Honorable Commissioner of Patents and

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1 document or copy thereof.

JCS51 U.S. PTD
09/111138
07/07/98

1. Name of conveying party(ies)

C. R. DOERR

2. Name and address of receiving party(ies)

Name: Lucent Technologies, Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other: _____

Street Address: 600 Mountain Avenue

P. O. Box 636

City: Murray Hill State: NJ ZIP: 07974-0636

Execution Date: July 7, 1998

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s): C. R. Doerr Case- 21

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 concerning document should be mailed:

Name: John A. Caccuro

Internal Address: _____

Street Address: Ladwood Dr.

City: Holmdel State: NJ ZIP 07733

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: 12-2325

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

07/16/1998 MPEDPLES 00000004 122325 09111138

03 FC-501 Statement and Signature

To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy of the original document.

JOHN A. CACCURO

Name of Person Signing

Signature

July 7, 1998

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

ASSIGNMENT AND AGREEMENT

For value received, I, Christopher Richard Doerr, of Atlantic Highlands, 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, 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 **CHANNEL POWER EQUALIZER FOR A WAVELENGTH DIVISION MULTIPLEXED SYSTEM** 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. may designate.

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.


Christopher Richard Doerr

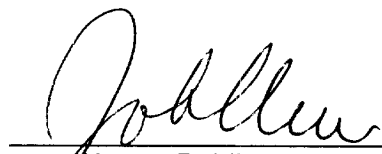
Date: 7/7/98

United States of America)

State of) ss.:

County of

On this 7 day of July, 1998, before me personally came Christopher Richard Doerr, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public
John A. Caccuro
An Attorney of the State
of New Jersey