

10-16-1998

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To the Honorable Commissioner of Patent

100853458

1 original documents or copy thereof.

1. Name of conveying party(ies): Robert Lee Pawelski

2. Name and address of receiving party(ies):

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

Name: Lucent Technologies Inc. 100853458  
Address: 600 Mountain Avenue  
P.O. Box 636  
Murray Hill, NJ 07974-0636

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: September 29, 1998

Additional name(s) & address(es) attached?  Yes  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)

Serial No.: 09/111,597 filed on July 7, 1998

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Law Offices of Carmen B. Patti  
211 Winslow Court  
Naperville, IL 60565

Docket No.: Pawelski 11/LUC-106

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.4):..... \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 12-2325

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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.

Carmen B. Patti  
Name of Person Signing

Signature

9/29/98  
Date

Total number of pages including cover sheet, attachments and document: 4

OMB No. 0651-0011 (exp. 4/94)

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Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

Pawelski 11

PATENT  
REEL: 9503 FRAME: 0496

## ASSIGNMENT AND AGREEMENT

For value received, I, Robert Lee Pawelski, of Lisle in the County of DuPage and State of Illinois, 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 PHASE RECOVERY IN A SYNCHRONOUS COMMUNICATION SYSTEM** described in an application for Letters Patent of the United States, which was filed on July 7, 1998, as Application Serial Number 09/111,597, 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.

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.

Robert L. Pawelski  
Robert Lee Pawelski

Date: 9-29-98

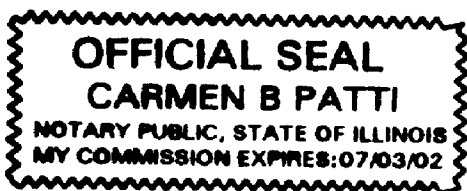
United States of America )

State of Illinois ) ss.:

County of DuPage )

On this 29<sup>th</sup> day of September, 1998, before me personally came Robert Lee Pawelski, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Carmen B. Patti  
Notary Public



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