

714-99

07-23-1999



FEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101098783

To the Honorable Commissioner of Patents and Trademarks: Please record the enclosed original documents or copy thereof.

1. Name of conveying party(ies):

BASIL WAHID HAKKI

ROBERT W. SMITH

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: June 29, 1999

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

Name: **LUCENT TECHNOLOGIES INC.**

Street Address: **600 MOUNTAIN AVENUE**

P.O. BOX 636

City: **MURRAY HILL** State: **NEW JERSEY** Zip: **07974**

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

10525 U.S. PTO
09/353716
07/14/99

09353 716

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:

June 29, 1999

A. Patent Application No.(s)

B. Patent No.(s)

7/14/99 sm 595859586
EXPRESS MAIL CERTIFICATE
Date _____ Label No. _____
I hereby certify that, on the date indicated above I deposited this paper or fee with the U.S. Postal Service & that it was addressed for delivery to the Commissioner of Patents & Trademarks, Washington D.C. 20231 by "Express Mail Post Office to Addressee" service.

Additional numbers attached? Yes No

D Beck D Beck
Name (Print) Signature

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

Name: Darby & Darby P.C.

Internal Address: MELVIN C. GARNER, ESQ.

Street Address: 805 Third Avenue, 27th Floor

City: New York State: New York Zip: 10022-7513

6. Total number of applications and patents involved:

1

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

Enclosed

Authorized to be charged to Lucent Technologies, Inc. deposit account

8. Deposit account number:

12-2325

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

07/22/1999 MTHAI1 00000162 122325 09353716
01 FC:581 40.00 CH

DO NOT USE THIS SPACE

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
Name of Person Signing

[Signature]
Signature

7/14/99
Date

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

4

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, we, **Basil Wahid Hakki** of **Allentown** in the County of Lehigh and State of Pennsylvania, and **Robert W. Smith** of **Allentown** in the County of Lehigh and State of Pennsylvania, 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 **Wave Division Multiplexing Channel Telemetry by Phase Modulation** described in an application for Letters Patent of the United States, executed by us 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 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 Inc. they may designate.

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.

Basil Wahid Hakki
Basil Wahid Hakki

Date: 6/29/99

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)
City of Allentown)

On this 29th day of June, 1999, before me personally came **Basil Wahid Hakki**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane L Hughes

Notary Public

NOTARIAL SEAL
DIANE L. HUGHES, Notary Public
Breinigsville, Lehigh County
My Commission Expires Jan. 6, 2003

Robert W. Smith
Robert W. Smith

Date: 6/29/99

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 29th day of June, 1999, before me personally came **Robert W. Smith**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Diane L. Hughes
Notary Public

NOTARIAL SEAL
DIANE L. HUGHES, Notary Public
Breinigsville, Lehigh County
My Commission Expires Jan. 6, 2003

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