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12-14-1998

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

1. Name of conveying party(ies):
**BERGMANN, ERNEST EISENHARDT
DERKITS, JR., GUSTAV EDWARD
JAMESON, RALPH STEPHEN**

Additional names(s) of conveying party(ies) Yes No



2. Name and address of receiving party(ies):
Name: **LUCENT TECHNOLOGIES**
Internal Address: **P. O. BOX 636**

Street Address: **600-700 MOUNTAIN AVENUE**

City: **MURRAY HILL** State: **NJ** ZIP: **07974**

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **NOV. 6, 9, 17, 1998**

4. Application number(s) or registration numbers(s):
If this document is being filed together with a new application, the execution date of the application is: _____
A. Patent Application No.(s)
09/156,162
12/11/1998 ZABDALLA 00000049 122325 09156162
01 FC:581 40.00 CH

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **ANASTASIA P. WINSLOW, ESQ.**
Internal Address: **MATHEWS, COLLINS, SHEPHERD &
GOULD, P.A.**

Street Address: **100 THANET CIRCLE, SUITE 306**

City: **PRINCETON** State: **NJ** ZIP: **08540**

6. Total number of applications and patents involved: **1**
7. Total fee (37 CFR 3.41):.....\$ **40.00 E**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 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.
ANASTASIA P. WINSLOW, ESQ.  **December 1, NOVEMBER 30, 1998**
Name of Person Signing Signature Date
Total number of pages including cover sheet, attachments, and document: **5**

ASSIGNMENT AND AGREEMENT

For value received, we, Ernest Eisenhardt Bergmann of Borough of Fountain Hill in the County of Lehigh and State of Pennsylvania, Gustav Edward Derkits, Jr. of New Providence in the County of Union and State of New Jersey, and Ralph Stephen Jameson 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 **OPTICAL ISOLATOR** 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.

Ernest Eisenhardt Bergmann
Ernest Eisenhardt Bergmann

Date: November 6, 1998

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)
delh

On this 6th day of November, 1998, before me personally came Ernest Eisenhardt Bergmann, 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
Upper Macungie Twp., Lehigh County
My Commission Expires Jan. 2, 1999
Member, Pennsylvania Association of Notaries

Gustav Edward Derkits, Jr.
Gustav Edward Derkits, Jr.

Date: 11/9/98

United States of America)

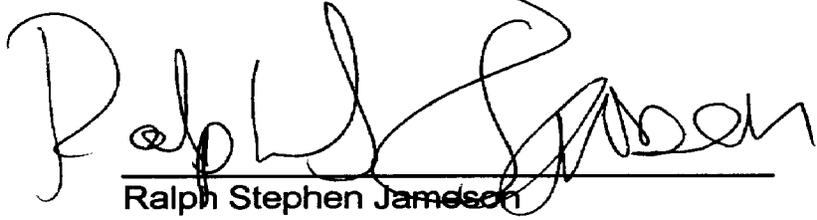
State of Pennsylvania) ss.:

County of Lehigh)

On this 9th day of November, 1998, before me personally came Gustav Edward Derkits, Jr., 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
Upper Macungie Twp., Lehigh County
My Commission Expires Jan. 2, 1999
Member, Pennsylvania Association of Notaries



 Ralph Stephen Jameson

Date: 17 Nov 98

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 17th day of November, 1998, before me personally came Ralph Stephen Jameson, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



 Notary Public

Notarial Seal
Diane L. Hughes, Notary Public
Upper Macungie Twp., Lehigh County
My Commission Expires Jan. 2, 1999
Member, Pennsylvania Association of Notaries

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