

JUN 07 1999

06-11-1999



101064168

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks:

ached original documents or copy thereof.

1. Name of conveying party(ies):

Kirk B. Ashby, Paul C. Davis,  
Malcolm H. Smith, Michael D. Womac

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

3. Nature of conveyance:

[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other

Execution Date: 5/07/99; 5/07/99; 5/05/99; 5/07/99.

2. Name and Address of receiving party(ies)

Name: Lucent Technologies Inc.

Internal Address:

Street Address: 600 Mountain Avenue

P.O. Box 636

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

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)

09/298,048

B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

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

Name: Steve Mendelsohn

Internal Address: Mendelsohn & Associates, P.C.

Street Address: 1601 Market Street

Suite 2330

City: Philadelphia State: PA ZIP: 19103

6. Total number of applications and patents involved: [1]

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

[ ] Enclosed

[X] Authorized to be charged to deposit account

8. Deposit account number:

12-2325

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

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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.

Steve Mendelsohn  
Name of Person Signing

Steve Mendelsohn  
Signature

6/4/99  
Date

Total number of pages including cover sheet, attachments, and document: 11

Ashby 8-20-11-2 Mail documents to be recorded with required cover sheet information to:  
990.0170 Commissioner of Patents & Trademarks, Box Assignments  
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PATENT  
REEL: 010004 FRAME: 0541

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## ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

**Kirk B. Ashby** of **Muhlenberg Township** in the County of Berks and State of Pennsylvania,  
**Paul C. Davis**] of **Muhlenberg Township** in the County of Berks and State of Pennsylvania,  
**Malcolm H. Smith** of **Macungie** in the County of Lehigh and State of Pennsylvania,  
**Michael D. Womac** of **Blandon** in the County of Berks and States of Pennsylvania,

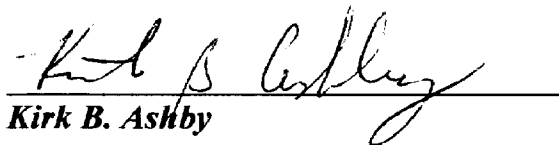
hereby sell, assign, and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey 07974-0636, U.S.A., and its successors, assigns, and legal representatives, the entire right, title, and interest, for the United States of America, in and to certain inventions related to **Integrated Amplifier Having A Voltage-Controlled Current Source** described in an application for Letters Patent of the United States, identified using the same Attorney Docket No., 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.

  
**Kirk B. Ashby**

Date: 5/7/99

United States of America )

State of PA. ) ss.:

County of BERKS )

On this 7 day of MAY, 1999, before me personally came **Kirk B. Ashby**, 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  
Michael J. Cawley, Notary Public  
Muhlenberg Twp., Berks County  
My Commission Expires Feb. 7, 2000  
Member, Pennsylvania Association of Notaries

Paul C Davis  
**Paul C. Davis**

Date: 5/7/99

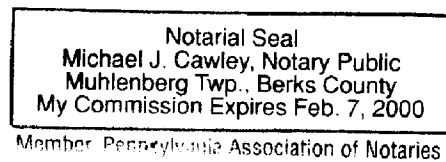
United States of America )

State of PA ) ss.:

County of Berks )

On this 7 day of MAY, 1999, before me personally came **Paul C. Davis**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Michael J. Cawley  
Notary Public



\_\_\_\_\_  
**Malcolm H. Smith**

Date: \_\_\_\_\_

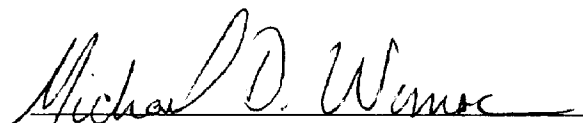
United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came **Malcolm H. Smith**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

  
**Michael D. Womac**

Date: 5/7/99

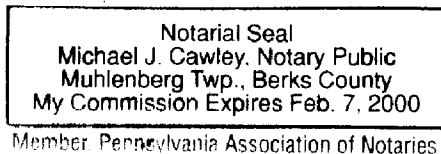
United States of America )

State of PA ) ss.:

County of Berks )

On this 7 day of MAY, 19 99, before me personally came **Michael D. Womac**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public



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

## ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

**Kirk B. Ashby** of **Muhlenberg Township** in the County of Berks and State of Pennsylvania,  
**Paul C. Davis** of **Muhlenberg Township** in the County of Berks and State of Pennsylvania,  
**Malcolm H. Smith** of **Macungie** in the County of Lehigh and State of Pennsylvania,  
**Michael D. Womac** of **Blandon** in the County of Berks and States 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 **Integrated Amplifier Having A Voltage-Controlled Current Source** described in an application for Letters Patent of the United States, identified using the same Attorney Docket No., 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.

\_\_\_\_\_  
***Kirk B. Ashby***

Date: \_\_\_\_\_

United States of America                    )

State of                                        ) ss.:

County of                                    )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came  
***Kirk B. Ashby***, to me known to be the individual described in and who executed the foregoing  
instrument, and acknowledged execution of the same.

Notary Public



\_\_\_\_\_  
***Paul C. Davis***

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came ***Paul C. Davis***, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

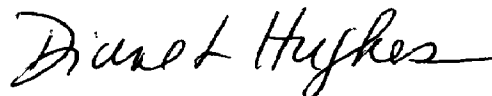
Notary Public

Malcolm H. SmithDate: 5/5/99

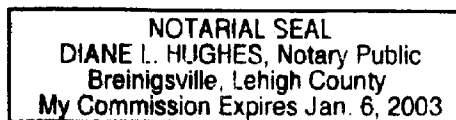
United States of America )

State of Pennsylvania ) ss.:County of Lehigh )

On this 5<sup>th</sup> day of May, 19 99, before me personally came **Malcolm H. Smith**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



\_\_\_\_\_  
***Michael D. Womac***

Date: \_\_\_\_\_

United States of America )

State of ) ss.:

County of )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came  
***Michael D. Womac***, to me known to be the individual described in and who executed the foregoing  
instrument, and acknowledged execution of the same.

Notary Public

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

990.0170