



06-06-2000

5-30-00

Form: PTO-1595
MB No 0651-0011 (exp 4/94)
To the Honorable Commissioner of Patents



101374755

U.S. Department of Commerce
Patent and Trademark Office

or copy thereof

1. Name of conveying party(ies)

James R. Bortolini
Scott E. Farleigh
Gary J. Grimes
Jean S. Nyquist
Charles J. Sherman

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

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

Street Address: 600 Mountain Avenue
P.O. Box 636

City: Murray Hill, New Jersey 07974-0636

Country: United States of America
Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:

 Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date(s): 05/16/00, 05/01/00, 05/11/00, 05/01/00,
& 05/18/00

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) 09/476.024 B. Patent No(s)

Additional numbers attached? Yes No

Title of Invention: **ARRANGEMENT FOR COOLING AN ELECTRICAL ASSEMBLY**
Our Docket No.: **Bortolini 19-12-85-3-24 (1501-0033)**

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

Name: Harold C. Moore

Internal Address: Maginot, Addison & Moore

Street Address: 111 Monument Circle, Suite 3000
City State: Zip: Indianapolis, IN 46204-5130

6. Total number of applications and patents involved 1

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

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.

Harold C. Moore [Signature] 5/24/00
Name of Person Signing Signature Date
Registration No. 37,892 Total number of pages including cover sheet, attachments and document: _____

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT AND AGREEMENT

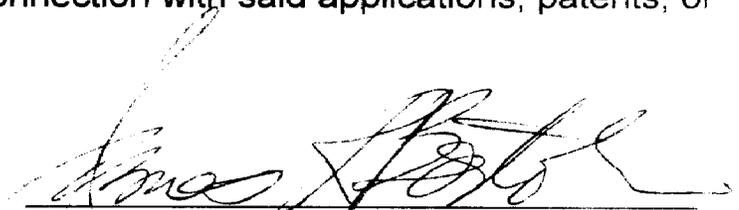
For value received, We, James R. Bortolini of Broomfield in the County of Adams and State of Colorado, Scott E. Farleigh of Denver in the County of Adams and State of Colorado, Gary J. Grimes of Birmingham in the County of Jefferson and State of Alabama, Jean S. Nyquist of Denver in the County of Denver and State of Colorado, and Charles J. Sherman of Westminster in the County of Adams and State of Colorado, 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 a **ARRANGEMENT FOR COOLING AN ELECTRICAL ASSEMBLY** described in an application for Letters Patent, Serial No. 09/476,024 filed in the United States Patent and Trademark Office on December 31, 1999, 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.

I 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.


James R. Bortolini

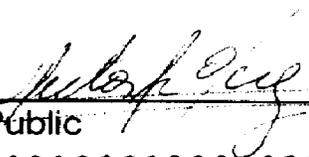
Date: 5/16/00

United States of America)

State of NEVADA) ss.:

City of Henderson)

On this 6 day of May, 2000, before me personally came James R. Bortolini, 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

I 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.

Scott E. Farleigh
Scott E. Farleigh

Date: 1 May 2000

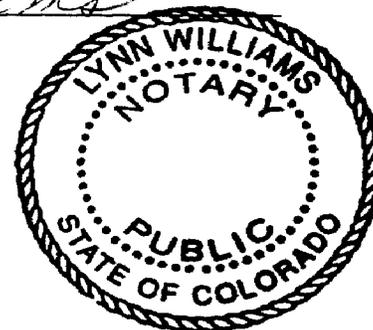
United States of America)

State of COLORADO) ss.:

City of WESTMINSTER)

On this 1st day of May, 2000, before me personally came Scott E. Farleigh, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Lynn Williams
Notary Public



My Commission Expires 01/12/2003

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

I 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.

Gary J. Grimes
Gary J. Grimes

Date: 5-11-00

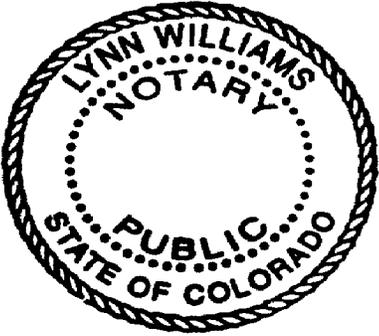
United States of America)

State of COLORADO) ss.:

City of WESTMINSTER)

On this 11th day of May, 2000, before me personally came Gary J. Grimes, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Lynn Williams
Notary Public



My Commission Expires 01/12/2003

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

I 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.

Jean S. Nyquist
Jean S. Nyquist

Date: 5-1-00

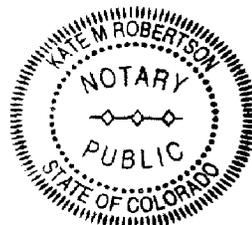
United States of America)

State of Colorado) ss.:

City of Westminster)

On this 1st day of MAY, 2000, before me personally came Jean S. Nyquist, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Kate M. Robertson
Notary Public



MY COMMISSION EXPIRES:
JULY 21 2002

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

I 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.

Charles J. Sherman
Charles J. Sherman

Date: 5-18-2000

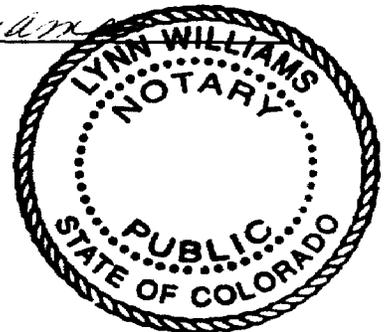
United States of America)

State of COLORADO) ss.:

City of WESTMINSTER)

On this 17th day of May, 2000, before me personally came Charles J. Sherman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Lynn Williams
Notary Public



My Commission Expires 01/12/2003

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