

07-17-2001



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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 part(ies):

Suhas Bhandarkar
Yoram DeHazan
John Burnette MacChesney
Thomas Edward Stockert

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
Murray Hill, NJ 07974-0636

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: 04/03/01, 04/16/01, 04/03/01, 04/03/01

4. Application number(s) or patent number(s): 09/838,727 filed 04/19/2001

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)

Additional numbers attached? Yes No

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

Peter V. D. Wilde, Esq.
Thomas, Kayden, Horstemeyer & Risley
100 Galleria Parkway
Suite 1500
Atlanta, Georgia 30339

6. Total number of applications/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)

07/16/2001 LWELLER 00000212 122325 09838727
01 FC:581 40.00 CH

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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.

Peter V. D. Wilde
Name of Person Signing

Signature

JUL 02 2001
Date

PATENT

ASSIGNMENT AND AGREEMENT

For value received, we, Suhas Bhandarkar of Glen Gardner in the County of Hunterdon and State of New Jersey, Yoram De Hazan of Warren in the County of Somerset and State of New Jersey, John Burnette MacChesney of Lebanon in the County of Hunterdon and State of New Jersey, Thomas Edward Stockert of Millburn in the County of Essex and State of New Jersey, and Christopher Alan White of Basking Ridge in the County of Somerset and State of New Jersey, 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 **MANUFACTURE OF SILICA BODIES USING SOL-GEL TECHNIQUES** 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.

Suhas Bhandarkar
Suhas Bhandarkar

Date: 4/3/01

United States of America)

State of New Jersey) ss.:

County of Union)

On this 3rd day of April, 2001, before me personally came Suhas Bhandarkar, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sheila R. Cole
Notary Public

SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2005

Yoram De Hazan

Yoram De Hazan

Date: 4/16/01

United States of America)

COMMONWEALTH

~~State~~ of PENNSYLVANIA) ss.:

County of LEHIGH)

On this 16th day of APRIL, 2001, before me personally came Yoram De Hazan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Debra L. Shifley
Notary Public

NOTARY PUBLIC
DEBRA L. SHIFLEY, Notary Public
Breinigsville, Lehigh County
My Commission Expires May 5, 2003

John Burnette Mac Chesney
John Burnette MacChesney

Date: April 3, 2001

United States of America)

State of New Jersey) ss.:

County of Union)

On this 3rd day of April, 2001, before me personally came John Burnette MacChesney, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sheila R. Cole
Notary Public

SHEILA R. COLE
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2005

Thomas Edward Stockert
Thomas Edward Stockert

Date: April 03, 2001

United States of America)

State of New Jersey) ss.:

County of Union)

On this 3rd day of April, 2001, before me personally came Thomas Edward Stockert, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Sheila R. Cole
Notary Public

SHEILA R. COLE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2005