07-21-2000

To the Honorabl	ase record the attached original documents or copy thereof.
1. Name of conveying r	Name and address of receiving party(ies):
Suhas Bhandarkar	Name: Lucent Technologies Inc.
Frank J. McNally Thomas M. Putvinski	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance:	Street Address: 600 Mountain Avenue, P. O. Box 636
S. Nature of conveyance.	
_	City: Murray Hill State: NJ Zip: 07974-0636
Security Agreement Change of Name	Additional name(s) & address(es) attached? ☐ Yes ☒ No
☐ Other	
Execution Date: June 20, 2000	.s. PTO 7/138
4. Application number(s) or patent number(s):	Secution data of the application is: June 20, 2000
If this document is being filed together with a new application, the exe	
A. Patent Application No.(s)	B. Patent No. (s)
Additional numbers attack	hed? ☐ Yes ☒ No 6. Total number of applications and patents involved:_1
5. Name and address of party to whom correspondence concerning document should be mailed:	
Name: Docket Administrator	7. Total fee (37 CFR 3.41) \$ \$40.00
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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, Suhas Bhandarkar, of Glen Gardner in the County of Hunterdon and the State of New Jersey, and Frank J McNally, of Princeton in the County of Mercer and the State of New Jersey, and Thomas M Putvinski, of Scotch Plains in the County of Union and the 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 Sol-Gel Process For Fabricating Germanium-Doped Silica Article 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. 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.

Synas Bhandarkar

Date: 6/20/2000

United States of America)

State of New Jersey) ss.:

County of Une)

Notary Public

SHERA R. COLE
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 10/18/2000

Frank J McNally

Date: 6/20/2000

United States of America)

State of New Jersey) ss.:

County of Union)

On this _______, day of _________, 2000, before me personally came, Frank J McNally to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

SHEILA R. COLE A NOTARY PUBLIC OF NEW JERSEY My Commission Expires 10/18/2000 Thomas M. Putvinski Thomas M. Putvinski

Date: 6/20/2000

United States of America)

State of New Tursly) ss.:

County of Umon)

Notary Public

ANGELINA CAGLIOSTRO
A NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 1/21/2004

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

RECORDED: 06/20/2000