01-24-2002 **FORM PTO-1595** U.S. DEPARTMENT OF COMMERCE HEET (Rev. 6-93) Patent and Trademark Office OMB-0651-0011 101958487 To the Honorable Commissione a the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Name: Lucent Technologies Inc. 1. Nagesh R Basavanhally 5. John David Weld 2. Cristian A Bolle Internal Address: 3. Paul Robert Kolodner 4. Rene R Ruel Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Street Address: 600 Mountain Avenue ☐ Merger P.O. Box 636 ☐ Security Agreement Change of Name City: Murray Hill State: NJ ZIP: 07974-0636 Other ____ Execution Date(s): 1, 3, 5-11/16/01; 2-11/19/01; 4-Additional name(s) & address(es) attached? ☐ Yes No 11/15/01 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) B. Patent No.(s) 09/895910 Additional numbers attached? Tyes No. 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$40.00 Name: Docket Administrator Enclosed Internal Address: Room 3J-219 Authorized to be charged to deposit account 01/23/2002 GTON11 00000305 122325 09895910 40.00 CH 8. Deposit account number: 12-2325 01 FC:581 Street Address: 101 Crawfords Corner Road (Attach duplicate copy of this page if paying by deposit account) City: Holmdel State: NJ ZIP: 07733-3030 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. Stephen M. Gurey Name of Person Signing Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignment

Washington, D.C. 20231

Case Name/No.: Basavanhally 27-10-8-7-40

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope
addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231, on 11/20/01
tra / Te
Signature

REEL: 012482 FRAME: 0053

ASSIGNMENT AND AGREEMENT

For value received, we, Nagesh R Basavanhally, of Skillman in the County of Somerset and the State of New Jersey, and Cristian A Bolle, of Bridgewater in the County of Somerset and the State of New Jersey, and Paul Robert Kolodner, of Hoboken in the County of Hudson and the State of New Jersey, and Rene R Ruel, of Bridgewater in the County of Somerset and the State of New Jersey, and John David Weld, of Ledgewood in the County of Morris 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 Precision Two Dimensional Optical Fiber Array described in an application for Letters Patent of the United States, Serial No. 09/895910, filed June 29, 2001, 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.

Nagesh R Basavanhally

Date: Nov 16, 2001

United States of America)

State of New Doctor) ss.:

County of Union)

Notary Public

FRANCES J. LEVINE
Notary Public of New Jersey, USA
Registered in Middlesex County
My Commission Expires July 30, 2003

Cristian A Bolle

Date: 11.19.01

United States of America)

State of New Jersey) ss.:

County of Union)

Notary Public

FRANCES J. LEVINE
Notary Public of New Jersey, USA
Registered in Middlesex County
My Commission Expires July 30, 2003

Paul Robert Kolodner

Date: 4/16/01

United States of America)

State of New Jessey) ss .:

County of Union)

Notary Public

FRANCES J. LEVINE
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Registered in Middlesex County
My Commission Expires July 30, 2003

Rene R Ruel

Date: 15 Nor 01

United States of America)

State of New Jersey) ss.:

County of Union)

Notary Public

FRANCES J. LEVINE
Notary Public of New Jersey, USA
Registered in Middlesex County
My Commission Expires July 30, 2003

John David Weld

Date: November 16,200/

United States of America)

State of New Jersey) ss .:

County of $\mathcal{O}mm$)

Notary Public

FRANCES J. LEVINE
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Registered in Middlesex County
My Commission Expires July 30, 2003

Lucent Technologies Inc. Docket Administrator (Room 3C-512) Lucent Technologies Inc. 101 Crawfords Corner Road Holmdel, NJ 07733-3030

RECORDED: 01/15/2002