01-12-2005 U.S. DEPARTMENT OF COMMERCE **FORM PTO-1595** RE (Rev. 6-93) Patent and Trademark Office OMB-0651-0011 102918360 To the Honorable Commissioner of Pa ached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: Lucent Technologies Inc. 1. Thomas Nikita Krupenkine Internal Address: 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): January 3, 2005 Additional name(s) & address(es) attached? ☐ Yes ☑ 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 A. Patent Application No.(s) 10/670049 B. Patent No.(s) Additional numbers attached? ☐ Yes ☒ 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 8. Deposit account number: 12-2325 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. Donald P. Dinella Name of Person Signing ∕Signature Total number of pages including cover sheet, attachments, and document: 3 sheets

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ASSIGNMENT AND AGREEMENT

For value received, I, Thomas Nikita Krupenkin, of Warren in the County of Somerset 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 Method For Calibrating A Photo-Tunable Microlens described in an application for Letters Patent of the United States, Serial No. 10/670049, filed September 24, 2003, 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.

PATENT REEL: 016133 FRAME: 0246 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.

Thomas Nikita Krupenkine

Date: 01/03/05

United States of America)

State of hew jumy) ss.:

County of Union)

Notary Public

CATHERINE F. DUGAN NOTARY PUBLIC OF NEW JESSEY Commission Expires 1/17/2007

Lucent Technologies Inc.
Docket Administrator (Room 3J-219)
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