5-13.05	OMB-0651-0011 (MAN 1 3 2005 10 HAN 1 3 2005 10 HAN 1 3 2005 10 HAN 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8-2005       U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office         Image: Display the sector of the sector o
	Execution Date: (a) 04/06/2005, (b) 04/10/2005, (c) 05/06/2005, (d) 04/11/2005, (e) 04/28/2005, and (f) 04/06/2005 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) 10/952,325 B. Patent No. (s) Additional numbers attached? ☐ Yes ⊠ No	
	5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
	Name: Harness, Dickey & Pierce, P.L.C. Internal Address:	<ul> <li>7. Total fee (37 CFR 3.41) \$ \$40.00</li> <li>☑ Enclosed</li> </ul>
	Street Address: P.O. Box 8910	Authorized to be charged to deposit account
	City: <u>Reston</u> State: <u>VA</u> Zip: <u>20195</u>	<ul> <li>8. Deposit account number: <u>08-0750</u></li> <li>(Attach duplicate copy of this page if paying by deposit account)</li> </ul>
	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.	
	John E. Curtin 37,602 Registration No. Total number of pages including cover	<u>May 13, 2005</u> Date sheet, attachments, and document:
Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D. C. 20231 01 FC:8021 40.00 PP		ademarks, Box Assignments
		PATENT

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REEL: 016563 FRAME: 0208

### ASSIGNMENT AND AGREEMENT

For value received, we, John Peter Guy of Nepean, Ontario in Country of Canada, Mukul Katiyar of Andhra Pradesh in Country of India, Robert Alain Nadon of Ottawa, Ontario in Country of Canada, Rajender Rao Nednur of Temple Terrace in County of Hillsborough and State of Florida, Christian Scheerer of Weissach im Tal in Country of Germany, and Jonathan Titchener of Dallas in County of Dallas and State of Texas, and 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 TRAIL ENGINEERING IN AGILE PHOTONIC NETWORKS 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. )

)

) ss.:

Attorney Docket No. 29250-002052/US/CPF Lucent Ref. No.: Innovance 15

John Peter Gr

Date: April 6,2005

United States of America

State of

County of

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2005, before me personally came John Peter Guy, 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

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Attomey Docket No. 29250-002052/US/CPF

1-10th-2005 Date:\_\_

Mukul Kauyar

United States of America ) State of Andrea Porded ss .:

County of INDIA

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2005, before me personally came <u>Mukul Katiyar</u>, 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 6.36 Murray Hill, New Jersey 07974 0636

### PATENT REEL: 016563 FRAME: 0211

MAY 26 2005 10:27 AM FR PHOTONICS CONTROL 3 599 1205 TO 17036688200

Attorney Docket No. 29250-002052/US/CPF Lucent Ref. No.: Innovance 15

Robert Alain Nadon

<u>Zeo S</u> Date: ay 6,

United States of America

State of

County of

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2005, before me personally came <u>Robert Alain Nadon</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

)

)

) ss.:

Notary Public

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

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8123100020

Attorney Docket No. 29250-002052/US/CPF Lucent Ref. No.: Innovance 15

Rajender Rao Nednur

Date: 04/11 12005

United States of America

State of

County of

On this \_\_\_\_\_\_ day of \_\_\_\_\_\_, 2005, before me personally came <u>Rajender Rao Nednur</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

)

)

) ss.:

Notary Public

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

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# PATENT REEL: 016563 FRAME: 0213

#### C. Scheerer

P.1

Attorney Docket No. 29250-002052/US/CPF Lucent Ref. No.: Innovance 15

Christian Scheerer

Date: 28.4.05

United States of America

State of

County of

) ss.:

)

1

On this  $2^{\beta}$  day of  $4^{\beta}$ , 2005, before me personally came <u>Christian Scheerer</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Cele Jelon

Notary Public

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

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## PATENT REEL: 016563 FRAME: 0214

Attomey Docket No. 29250-002052/US/CPF Lucent Ref. No.: Innovance 15

Jonathan Titchener

Date: 4/6/2005

United States of America

State of Texas ) ss.:

County of Dallas

On this \_\_\_\_\_\_ day of <u>April</u>, 2005, before me personally came <u>lonathan litchener</u>, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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J-Public M JASMINE WILDER NOTARY PUBLIC State of Texas Comm. Exp. 06-19-2007

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

### PATENT REEL: 016563 FRAME: 0215

**RECORDED: 05/13/2005**