

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5991535

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HARISH VISWANATHAN	09/17/2001
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LUCENT TECHNOLOGIES, INC.
<b>Street Address:</b>	600 MOUNTAIN AVENUE
<b>Internal Address:</b>	PO BOX 636
<b>City:</b>	MURRAY HILL
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07974-0636
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	11737535
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(866)259-6138
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	8019803399
<b>Email:</b>	fb-docketing@FisherBroyles.com
<b>Correspondent Name:</b>	JONATHAN R. LEE
<b>Address Line 1:</b>	222 SO. MAIN STREET
<b>Address Line 2:</b>	5TH FLOOR
<b>Address Line 4:</b>	SLC, UTAH 84101
<b>ATTORNEY DOCKET NUMBER:</b>	007726.0904U2
<b>NAME OF SUBMITTER:</b>	JONATHAN R. LEE
<b>SIGNATURE:</b>	/Jonathan R. Lee, Reg. No. 56561/
<b>DATE SIGNED:</b>	03/02/2020
<b>Total Attachments: 4</b>	
source=007726.0904U2_Assignment_Inventors_to_Lucent_Tech_Executed_17Sep2001#page1.tif	
source=007726.0904U2_Assignment_Inventors_to_Lucent_Tech_Executed_17Sep2001#page2.tif	
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source=007726.0904U2_Assignment_Inventors_to_Lucent_Tech_Executed_17Sep2001#page4.tif	

## ASSIGNMENT AND AGREEMENT

For value received, I, Harish Viswanathan, of Basking Ridge 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 **OPEN-LOOP DIVERSITY TECHNIQUE FOR SYSTEMS EMPLOYING MULTI-TRANSMITTER ANTENNAS** described in an application for Letters Patent of the United States, executed by me 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 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.

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.



Harish Viswanathan

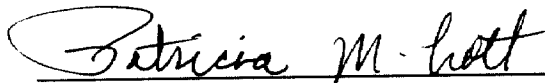
Date: 9/17/01

United States of America )

State of New Jersey ) ss.:

County of Union )

On this 17th day of September, 2001, before me personally came, Harish Viswanathan to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

PATRICIA M. LOTT  
NOTARY PUBLIC OF NEW JERSEY  
Registered in Somerset County  
My Commission Expires March 24, 2003

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

01-28-2001

FORM PTO-1595  
(Rev. 6-93)  
OMB-0651-0011



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SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Resubm

To the Honorable Commissione.

the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

1. Harish Viswanathan

1-22-02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date(s): September 17, 2001

## 2. Name and address of receiving party(ies)

Name: Lucent Technologies Inc.

Internal Address: \_\_\_\_\_

Street Address: 600 Mountain AvenueP.O. Box 636City: Murray Hill State: NJ ZIP: 07974-0636Additional 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 is: \_\_\_\_\_

## A. Patent Application No.(s)

09/955368

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Docket AdministratorInternal Address: Room 3J-219Street Address: 101 Crawfords Corner RoadCity: Holmdel State: NJ ZIP: 07733-30306. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00

405

- ☐ 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)

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.

Irena Lager

Name of Person Signing

Signature

Date

December 17, 2001

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignment  
Washington, D.C. 20231

Case Name/No.: Viswanathan 16

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: U.S. Patent and Trademark Office, Assignment Division, Box Assignments, CG-4, 1213 Jefferson Davis Hwy, Suite 320, Washington, DC 20231, on December 17, 2001

Signature

PATENT  
REEL: 012496 FRAME: 0601

39/18/01  
132 U.S. PTO

PA

PATENT APPLICATION

Harish Viswanathan

CASE 16

TITLE OPEN-LOOP DIVERSITY TECHNIQUE FOR SYSTEMS EMPLOYING MULTI-TRANSMITTER ANTENNAS

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

NEW APPLICATION UNDER 37 CFR § 1.53(b)

Enclosed are the following papers relating to the above-named application for patent:

Specification  
4 Informal Sheets of drawing(s)  
1 Assignment(s) with Cover Sheet  
Declaration and Power of Attorney  
Information Disclosure Statement

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	22 - 20 =	2	x \$18 =	\$36
Independent Claims	3 - 3 =	0	x \$80 =	\$0
Multiple Dependent Claims, if applicable			+ \$270 =	\$0
Basic Fee				\$710
			<b>TOTAL FEE</b>	<b>\$746</b>

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$782, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Docket Administrator (Room 3J-219), Lucent Technologies Inc., 101 Crawfords Corner Road, Holmdel, New Jersey 07733-3030**. However, telephone calls should be made to me at 908-582-2188.

Respectfully,

Irena Lager  
Reg. No. 39,260  
Attorney for Applicant(s)

Date: September 17, 2001  
Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

The PTO did not receive the following listed item(s) NO COVER SHEET

Resubm

39/18/01  
132 U.S. PTO  
09/18/01

39/18/01  
132 U.S. PTO  
09/18/01

67 06 7729330 US  
9/18/01  
Application  
John F. McCabe  
Assistant

PATENT