1/21/05

FORM PTO-1595		U.S. Department of C	Commerce	
(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)		Patent and Trademark (Patent and Trademark Office	
To the Honorable Commission. 1029339		;inal document or copy thereof.	В В	
Name of conveying party(ies):	~ ~	address of receiving party(ies):	⊃.Q	
SUBRAMANIAN VASUDEVAN	ļ	Name: Lucent Technologies Inc. Internal Address: Street Address: 600 Mountain Avenue City: Murray Hill State: NJ Zip: 07974-0636		
Additional name(s) of conveying party(ies) attached? Yes No				
3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: January 19, 2005	Additional name(s) & address(es) attached? Yes		∏ Yes ⊠	
4. Application number(s) or registration number(s): NEW	APPLICATIO	DN		
j	B. Patent			
005 NNGUYEN1 00000066 500786 11040368 021 40.00 DP	d? Yes N		volved: 1	
5. Name and address of party to whom correspondence concerning document should be mailed: Name:Sanjeev K. Singh CUSTOMER NO. 46290 Williams, Morgan & Amerson, P.C.	6. Total num 7. Total fee (Enclo	ther of applications and patents in (37 C.F.R. 3.41)	\$_40.00 count IF _	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sanjeev K. Singh CUSTOMER NO. 46290	6. Total num 7. Total fee (Enclo Autho INS 8. Deposit ac	aber of applications and patents in (37 C.F.R. 3.41)	\$_40.00 count IF _ D	
5. Name and address of party to whom correspondence concerning document should be mailed: Name:Sanjeev K. Singh CUSTOMER NO. 46290 Williams, Morgan & Amerson, P.C. 10333 Richmond, Suite 1100	7. Total fee (Authority Enclo Authority Authority Enclo (Attach dupl	to aber of applications and patents in (37 C.F.R. 3.41)	\$_40.00 count IF _ D	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sanjeev K. Singh CUSTOMER NO. 46290 Williams, Morgan & Amerson, P.C. 10333 Richmond, Suite 1100 City: Houston State: Texas Zip: 77042	7. Total fee (Authority Enclo Authority Authority Enclo (Attach dupl	to aber of applications and patents in (37 C.F.R. 3.41)	\$_40.00 count IF _ D	
Name: Sanjeev K. Singh CUSTOMER NO. 46290 Williams, Morgan & Amerson, P.C. 10333 Richmond, Suite 1100 City: Houston State: Texas Zip: 77042 DO NOT USE THE TO the best of my knowledge and belief, the foregoing information is	6. Total num 7. Total fee (Enclo Authority 8. Deposit ac (Attach dup)	ther of applications and patents in (37 C.F.R. 3.41)	\$_40.00 count IF _ D 1000 cit account)	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Sanjeev K. Singh CUSTOMER NO. 46290 Williams, Morgan & Amerson, P.C. 10333 Richmond, Suite 1100 City: Houston State: Texas Zip: 77042 DO NOT USE TE	6. Total num 7. Total fee (Enclo Authority 8. Deposit ac (Attach dup)	ther of applications and patents in (37 C.F.R. 3.41)————————————————————————————————————	\$_40.00 count IF _ D 1000 cit account)	
Additional numbers attached 5. Name and address of party to whom correspondence concerning document should be mailed: Name:Sanjeev K. Singh	6. Total num 7. Total fee (Enclo Authority 8. Deposit ac (Attach dup)	deber of applications and patents in (37 C.F.R. 3.41)	\$ 40.00 count IF _ D 1000 sit account)	

of Patents and Trademarks, Washington, D.C. 20231

CERTIFICATE OF EXPRESS MAILING UNDER C.F.R. § 1.8		
EXPRESS MAIL NO.	EV 336535442 US	
DATE OF DEPOSIT:	January 21, 2005	
I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as "EXPRESS MAIL" addressed to: BOX PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.		
Carolya Nurvo		
Usignature		

PATENT REEL: 016214 FRAME: 0191

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do(es) hereby:

SELL, ASSIGN AND TRANSFER to LUCENT TECHNOLOGIES INC. (the "Assignee"), a corporation of Delaware, having a place of business at 600 Mountain Avenue, P.O. Box 636, Murray Hill, New Jersey, 07974-0636, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled "INTEGRATING RATE OR POWER CONTROL WITH SCHEDULING OF REVERSE LINK WIRELESS TRANSMISSIONS IN A HANDOFF ZONE" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filled in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

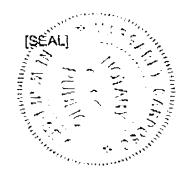
TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Signature: Alasudovan Date: Jan 19, 2005

COUNTY OF marria

BEFORE ME, the undersigned authority, on this 19th day of personally appeared SUBRAMANIAN VASUDEVAN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

1



Notary or Consular Officer

MARGARET CARDOSO

NOTARY PUBLIC STATE OF NEW JERSEY MY COMMISSION EXPIRES DECEMBER 2, 2008

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PATENT REEL: 016214 FRAME: 0193