Name of conveying party(ies):	2 Name and address of receiving partv(ies)
Mohamed Anisur Rahman	Name: Lucent Technologies Inc.
Additional name(s) of conveying party(ies) attached? Yes	No Street Address: 600 Mountain Aver ue, P.O Box 636
3. Nature of conveyance:	City: Murray Hill State: NJ ZIP 07974-0636
	Additional name(s) & address(es) attached? Yes N
Security Agreement Change of Name	01-20-1999
Other	
Execution Date: January 4, 1999	100944716
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the e	xecution date of the application is: January 4, 1999
A. Parent Application No(s).	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed	6. Total number of applications and patents involved:
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 CFR 3.41): \$40.00 .
Internal Address: P.O. Box 747	Enclosed
Falls Church, Virginia 22040-0747 Street Address: 8110 Gatehouse Road, Suite 500 East	Authorized to be charged to deposit account
Street Address. Of to Gateriouse Made, Suite 300 East	
	8. Deposit account number: 12-2325
City: Falls Church State: VA ZIP: 22042	8. Deposit account number: 12-2325
City: Falls Church State: VA ZIP: 22042	8. Deposit account number: 12-2325 (Attach triplicate copy of this page if paying by deposit account)
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DO NOT 9. Statement and signature.	(Attach triplicate copy of this page if paying by deposit account) USE THIS SPACE
DO NOT 9. Statement and signature.	(Attach triplicate copy of this page if paying by deposit account)
9. Statement and signature. To the best of my knowledge and belief, the foregoing information	(Attach triplicate copy of this page if paying by deposit account) USE THIS SPACE on is true and correct and any attached copy is a true copy of the original
9. Statement and signature. To the best of my knowledge and belief, the foregoing information	(Attach triplicate copy of this page if paying by deposit account) USE THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information document. Raymond C. Stewart, Registration No. 21,066	(Attach triplicate copy of this page if paying by deposit account) USE THIS SPACE on is true and correct and any attached copy is a true copy of the original January 7,1999

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

> PATENT REEL: 9697 FRAME: 0704

Case Name and No.: 115919/RAHMAN 1

ASSIGNMENT AND AGREEMENT

For value received, I, Mohamed Anisur RAHMAN of Whippany, in 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 WIRELESS SYSTEM AND METHOD FOR EVALUATING QUALITY OF SERVICE 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.

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 us, 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.

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PATENT REEL: 9697 FRAME: 0705

Technologies Inc. but at its expense, sig	l, we shall, without charge to Lucent n all papers, and do all acts which may be nnection with said applications, patents, or
	(ma Kakman
/ /	Mohamed Anisur Rahm≀an
Date: 1/4/99	
United States of America)	
State of New Jersey) ss.:	
personally came Mohamed Anisur Rat described in and who executed the f	before me foreign to be the individual oregoing instrument, and acknowledged
execution of the same.	Notary Public
	Notary Public EMESTICA ADASTI 1 OTA MESSACA DE SEY Ny Commission di placa di 1994, 1869

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

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Case Name and No.: 115919/RAHMAN 1

Technologies Inc. but at its expense	ested, we shall, without charge to Lucent e, sign all papers, and do all acts which may be in connection with said applications, patents, or
Luka	Mohamed Anisur Rahman
Date: 1/4/99	
United States of America)	
State of New Jersey)	SS.
	Rabrian, to me known to be the individual the foregoing instrument, and acknowledged
	Notary Public EARDADA ADMEDIA (1911 NOTARM BULLIO OF RECEDEN
	My Commission Empires Lights 1909

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Technologies Inc. but at its expense	ested, we shall, without charge to Lucent e, sign all papers, and do all acts which may be in connection with said applications, patents, or
	In an my manns in Rahman Mohamed Anisur Rahman
Date: 1/4/99	
United States of America)	
State of New Jersey)	ss.:
personally came Mohamed Anisu	y of <u>Junuary</u> , 19 <u>99</u> , before me ir Rahman, to me known to be the individual the foregoing instrument, and acknowledged
	Bulan Kinston
	Notary Public

BAREADA ADA (DE ...)
NOTARA ENCLIDO CE DE ENCLEY
My Commission Liple, 3 July 14, 1989

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RECORDED: 01/07/1999

PATENT REEL: 9697 FRAME: 0708