FORM PTO-1595 (Rev. 6-93)	07-20-1998	3 3 SHI	==	Pal	TMENT (	Trademark
OMB No. 0651-0011 (exp. 4/94)						
			<u> </u>		<u> </u>	
To the Honorable Commissioner of	100768385	attache	d original	documents o	r copy th	ner <b>gol.</b>
1. Name of conveying party(ies):		<ol><li>Name and addr</li></ol>	ess of rec	eiving party	(ies)	s 081
Lee McCandless Garth		Name: Lucen	t Techr	ologies	Inc.	110
Additional name(s) of conveying party(ies) attached?	Yes 🗆 No	Internal Address	•			09/
3. Nature of conveyance:						
🚨 Assignment 🖂 N	/lerger	Street Address:	600 M	ountain /	Avenue	
☐ Security Agreement ☐ ☐	Change of Name					
☐ Other		City: Murray H	uı	State: <u>N.I</u>	z	IP: <u>0797</u> 063
Execution Date:July 2, 1998		Additional name(s) 8	address(e	e) attached? C	] Yes 🖸	
If this document is being filed together with	h a new application, th	e execution date of	the appli	ication is: J	uly 2	, 1998
A. Patent Application No.(s)		B. Patent No.(s				
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A. Patent Application No.(s)  5. Name and address of party to whom corresconcerning document should be mailed:  Name: Docket Administrator  Internal Address: Lucent: Technologi  Room 3C-512  Street Address: 600 Mountain Aven  P. O. Box 636	Additional numbers attaches spondence  es Inc.  ZIP: 07947- 0636  DO NOT USE TH	B. Patent No.(s)  ed?	application R 3.41) be charged number:	ns and paten\$ 40 ged to depos	ts involv	unt
A. Patent Application No.(s)  5. Name and address of party to whom correctoncerning document should be mailed:  Name: Docket Administrator  Internal Address: Lucent: Technological Room 3C-512  Street Address: 600 Mountain Avenue.  P. O. Box 636  City: Murray Hill State: NI  9. Statement and signature.  To the best of my knowledge and belief, the	Additional numbers attaches spondence  es Inc.  ZIP: 07947- 0636  DO NOT USE TH	B. Patent No.(s)  ed?	application R 3.41) be charged number:	ged to depose attached co	ts involv	unt

## ASSIGNMENT AND AGREEMENT

For value received, I, Lee McCandless Garth, of Holmdel in the County of Monand State of New Jersey, hereby sell, assign and 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 Automatic Constellation Phase Recovery In Blind Start-Up Of A Dual Mode CAP-QAM Receiver 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.

PATENT REEL: 9310 FRAME: 0467

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.

United States of America

State of New Tersey County of Monmouth

On this day of day of the me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

LOURDES CHESAL **Notary Public State of New Jersey** My Commission Expires 4/24/2001

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

RECORDED: 07/02/1998