FÖRM PTO-1619A Expires 06/30/99 OMB 0651-0027

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Name (line 1) Lucent Technologies, Inc.	If document to be recorded is an assignment and the receiving party is not		
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Address (line 1) 600 Mountain Avenue	(Designation must be a		
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Glen	n W. Boisbrun	21112	11/30/2000
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## **ASSIGNMENT**

For value received, We, Mandeep Singh Chadha, a citizen of India and resident of Austin in the County of Travis and the State of Texas, and Shawn Robert McCaslin, of Buda in the County of Hays and the State of Texas, and Mile Milisavljevic, a citizen of Serbia and resident of Austin in the County of Travis and the State of Texas, 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 "SEPARATION CIRCUIT FOR AN ECHO CANCELING SYSTEM AND METHOD OF OPERATING THE SAME" 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.

Michaelle Mandeep Singh Chadha

STATE OF	Texas	§
COUNTY OF	Travis	<b>§</b> §

foregoing instrument, and acknowledged execution of the same.

STATE OF THE STATE	*****************
	ANGELA PALMA
8 4-19	Notary Public, State of Texas
	My Commission Expires
COFT!	AUGUST 20, 2001.
Section 1	**************************************

Augla Yalma Notary Public

My Commission Expires:

Shawn Robert McCaslin

STATE OF TEXAS	8
COUNTY OF Travis	Ę

On this 25 day of October, 2000, before me personally came Shawn Robert McCaslin, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

My Commission Expires:

08/20/01

Mile Milisavljevic

STATE OF	Texas	{
COUNTY OI	Travis	<u> </u>

On this <u>25</u> day of <u>October</u>, 2000, before me personally came Mile Milisavljevic, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

My Commission Expires:

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

**RECORDED: 12/04/2000**