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

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Second Party		Month Day Year
Name (line 1) Ranbir Singh		7.00./
Name (line 2)		109/5/206
Receiving Party	Mark if additional names of rece	eiving parties attached
Name (line 1) Lucent Technologies, Inc.		If document to be recorded is an assignment and the
Name (line 2) a Corporation of Delaware		receiving party is not domiciled in the United States, an appointment
Address (line 1) 600 Mountain Avenue		of a domestic representative is attached.
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Address (line 2)		Assignment.)
Address (line 3) Murray Hill City	New Jersey 07974-06 State/Country Zip Code	36
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Correspondent Name and Address Area Code and Telephone Number (972)	480-8800	
Name Charles W. Gaines		
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Address (line 2) P.O. Box 832570		
Address (line 3) Richardson, Texas 75083		
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Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.	00	
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Name (line 2)					Execution Date Month Day Year
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Receiving Par	rty(ies) eceiving Party(ies)		Mark if additional nan	nes of receiving part	ties attached
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PATENT

REEL: 010828 FRAME: 0680

ASSIGNMENT

For value received, We, Isik C. Kizilyalli, of Millburn in the County of Essex and State of New Jersey, and Ranbir Singh, of Orlando in the County of Orange and State of Florida, and Lori Stirling, of Princeton in the County of Mercer and 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 "A SEMICONDUCTOR DEVICE HAVING A METAL GATE WITH A WORK FUNCTION COMPATIBLE WITH A SEMICONDUCTOR DEVICE" 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.

PATENT REEL: 010828 FRAME: 0681 Isik C. Kizilyalli

A 7.	
STATE OF MEN' Jusey	§ 6
COUNTY OF Union	§ §
On this day of (Kizilyalli, to me known to be the individual instrument, and acknowledged execution	ual described herein and who executed the foregoing
	My Commission Expires:
	ANGELINA CAGLIOSTRO A NOTARY PUBLIC OF NEW JERSEY My Commission Expires 1/21/2006

Ranbir Singh

STATE OF FLORIDA	8
COUNTY OF ORANGE	Ę

#CC 871149
#CC 871149
#CC 871149
#Ublic Underwise 8

My Commission Expires:

Notary Public

3

Lori Stirling

STATE OF	New Jessey	§
	11.0	§
COUNTY O	F Mercer	§

On this 25^{+h} day of 1200, before me personally came Lori Stirling, 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:
PATRICIA ANN TRACEY
NOTARY PUBLIC OF NEW JERSEY
MY COMM. EXP. AUG. 26, 2001

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

RECORDED: 05/17/2000