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VER SHEET

10549 U.S. PTO
09/21/502
12/14/98

To: The Commissioner of F
Submission Type

New

he attached original document(s) or copy(ies)
ce Type:

Assignment

Conveying Party(ies)

Mark if additional names of conveying parties attached

Execution Date
(Month Day Year)

Name **Robert Paul Kurshan**
Name **Carlos Manuel Roman**
Name

12/9/98
12/9/98

Receiving Party

Mark if additional names of conveying parties attached

Name **Lucent Technologies**
Address **P.O. Box 636**
Murray Hill, NJ 07974-0636

Domestic Representative

Correspondent Name and Address

Name **Henry T. Brendzel**
Address **P.O. Box 574**
Springfield, NJ 07081

Telephone Number **(973) 467-2025**

Pages Enter the total number of pages of the attached conveyance document including any attachments. # **2**

Application Number(s) or Patent Number(s) Mark if additional numbers are attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property):

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date on which the patent application was signed by the first named executing inventor. (Month Day Year)

Patent Cooperation Treaty (PCT)

Mark if additional numbers are attached

Enter PCT application number only if a US Application Number has NOT been assigned

PCT PCT PCT PCT PCT

Number of Properties Enter the total number of properties involved #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.4) \$ **40**

Method of payment Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account, if it additional fees can be charged to the account.) Account Number **12-39393**

Authorization to charge additional fees Yes No

Statement and Signature

To the best of knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein

Henry T. Brendzel
Name of Person Signing

Signature

12/14/98
Date

For office use only

ASSIGNMENT AND AGREEMENT

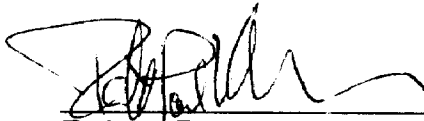
For value received, we, Robert Paul Kurshan of New York in the County of New York and State of New York, and Carlos Manuel Roman of Bethlehem in the County of Northampton and State of Pennsylvania, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having 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 **Detecting of Model Errors Through Simplification of Model via State Reachability Analysis** 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. they 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.

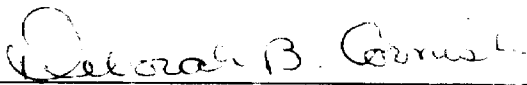


Robert Paul Kurshan

Date 12/9/98

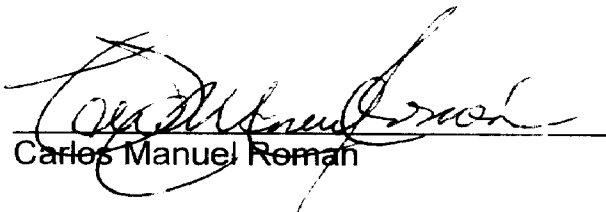
United States of America)
State of New Jersey)ss.:
City of Murray Hill)

On this 9 day of December, 1998,
Before me personally came Robert Paul Kurshan, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

**DEBORAH B. CORNISH
NOTARY PUBLIC OF NEW JERSEY
REGISTERED IN MORRIS COUNTY
MY COMM. EXP. JAN. 14, 2003**

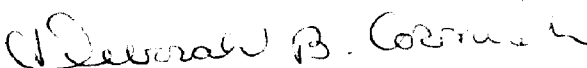


Carlos Manuel Roman

Date 12/9/98

United States of America)
State of New Jersey)ss.:
City of Murray Hill)

On this 9 day of December, 1998,
Before me personally came Carlos Manuel Roman, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

**DEBORAH B. CORNISH
NOTARY PUBLIC OF NEW JERSEY
REGISTERED IN MORRIS COUNTY
MY COMM. EXP. JAN. 14, 2003**

ATTACHMENT A

Attorney Name(s): Henry T. Brendzel (Reg. No. 26,844)
 William Ryan (Reg. No. 24,434)

Telephone calls should be made to **Henry T. Brendzel** at:

Phone No.: (973) 467-2025

Fax No.: (973) 467-6589

All written communications are to be addressed to:

**Law Offices of Henry T. Brendzel
P.O. Box 574
Springfield, NJ 07081**

MRU
12-14-98

RECORDATION FORM COVER SHEET PATENTS ONLY

10549 U.S. PTO
09/21/502



To: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies)

Submission Type: <input checked="" type="checkbox"/> New	Conveyance Type: <input checked="" type="checkbox"/> Assignment
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Conveying Party(ies) Name Robert Paul Kurshan Name Carlos Manuel Roman Name	<input type="checkbox"/> Mark if additional names of conveying parties attached	Execution Date (Month Day Year) 12/9/98 12/9/98
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Receiving Party Name Lucent Technologies Address P.O. Box 636 Murray Hill, NJ 07974-0636	<input type="checkbox"/> Mark if additional names of conveying parties attached
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Domestic Representative

Correspondent Name and Address Name Henry T. Brendzel Address P.O. Box 574 Springfield, NJ 07081	Telephone Number (973) 467-2025
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Application Number(s) or Patent Number(s) <i>Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property)</i>	<input type="checkbox"/> Mark if additional numbers are attached
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Patent Cooperation Treaty (PCT) <i>Enter PCT application number only if a US Application Number has NOT been assigned</i>	<input type="checkbox"/> Mark if additional numbers are attached
PCT [] PCT [] PCT [] PCT [] PCT []	

Number of Properties Enter the total number of properties involved # []

Fee Amount Method of payment Enclosed <input type="checkbox"/> Deposit Account <input checked="" type="checkbox"/>	Fee Amount for Properties Listed (37 CFR 3.41) \$ 40
Deposit Account <i>(Enter for payment by deposit account, if it additional fees can be charged to the account.)</i>	Account Number 12-39393
Authorization to charge additional fees	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Statement and Signature
To the best of knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein

Henry T. Brendzel
Name of Person Signing

Henry T. Brendzel
Signature

12/14/98
Date

For office use only