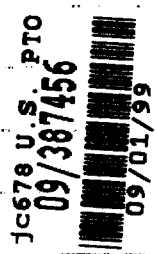


To the Honorable Commissioner of Patents and Trademarks : Please record the attached original documents or copy thereof.


1. Name of conveying party(ies): 9.1.99
 Paul Raymond Briggs, Jr.
 Mark Steven Curtis
 John Francis May
 Robert Kevin Noon and Clarion Floyd Zoucha
 Additional name(s) of conveying party(ies) attached? () Yes (x) No

2. Name and address of receiving party(ies):
 Name: Lucent Technologies Inc.
 Internal Address: _____



3. Nature of conveyance:
 (x) Assignment () Merger
 () Security Agreement () Change of Name
 () Other _____
 Execution Date: 8/27/99;8/30/99;8/26/99;8/30/99;8/30/99

Street Address: 600 Mountain Avenue
P.O. Box 636
 City: Murray Hill State: New Jersey ZIP: 07974-0636
 Additional name(s) and address(es) attached? () Yes (x) No

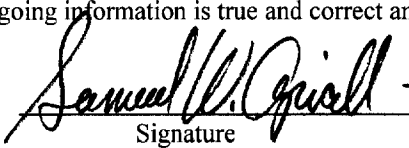
4. Application number(s) or patent number(s):
 If this document is being filed together with a new application, the execution date of the application is: 8/26/199 and 8/30/99
 A. Patent Application No.(s) To Be Assigned | B. Patent No.(s) 09-10-1999
 Additional numbers attached: () Yes (x) No 
101140540

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: William H. Murray, Esq.
 Internal Address: _____

 Street Address: Duane, Morris & Heckscher LLP
4200 One Liberty Place
 City: Philadelphia State: PA ZIP: 19103-7396

6. Total number of applications and patents involved: (1) One
 7. Total fee (37 CFR 3.41).....\$40.00
 () Enclosed
 (X) Authorized to be charged to deposit account
 8. Deposit account number:
12-2325
 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.
 To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
Samuel W. Apicelli  September 1, 1999
 Name of person signing Signature Date
 Total number of pages including cover sheet, attachments, and document (3)

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0000021 12325
09/10/1999 SPYNEI
40.00 CH
01 FC:581

Docket No. Y0242-00164

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

ASSIGNMENT AND AGREEMENT

Jr.

For value received, we, **Paul Raymond Briggs, Jr.**, of **914 Wall Street South, Newton**, in the County of Sussex and State of New Jersey; **Mark Steven Curtis** of **816 Janesview Street, Apt.#8, Papillion** in the County of Sarpy and State of Nebraska; **John Francis May** of **437 South 159th Street, Omaha**, in the County of Douglas and State of Nebraska; and **Robert Kevin Noon** of **7935 Sleepy Hollow Drive, Tobyhanna**, in the County of Monroe, and State of Pennsylvania; and **Clarion Floyd Zoucha** of **15209 Castelar Circle, Omaha**, in the County of Douglas, State of Nebraska, do 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 **High Density Connector Module** 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.

Date: August 27, 1999

Paul Raymond Briggs, Jr.
Paul Raymond Briggs, Jr.

United States of America)
State of New Jersey) ss.:
City of)
County Morris)

On this 27 day of August, 1999, before me personally came **Paul Raymond Briggs** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Almeta Carter
Notary Public

ALMETA CARTER
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 9 2001

Date: _____

Mark Steven Curtis

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **Mark Steven Curtis** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Date: _____

John Francis May

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **John Francis May** to me known to be the individual described in
and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Date: _____

Robert Kevin Noon

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **Robert Kevin Noon** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Date: _____

Clarion Floyd Zoucha

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **Clarion Floyd Zoucha** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Express Mail Label EL378860907US

Case Name and No. BRIGGS 6-2-3-1-2
[Y0242-00164]

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

PH31577375.1

ASSIGNMENT AND AGREEMENT

For value received, we, **Paul Raymond Briggs** of **914 Wall Street South, Newton**, in the County of Sussex and State of New Jersey; **Mark Steven Curtis** of **816 Janesview Street, Apt.#8, Papillion** in the County of Sarpy and State of Nebraska; **John Francis May** of **437 South 159th Street, Omaha**, in the County of Douglas and State of Nebraska; and **Robert Kevin Noon** of **7935 Sleepy Hollow Drive, Tobyhanna**, in the County of Monroe, and State of Pennsylvania; and **Clarion Floyd Zoucha** of **15209 Castelar Circle, Omaha**, in the County of Douglas, State of Nebraska, do 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 **High Density Connector Module** 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.

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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.

Date: _____

Paul Raymond Briggs

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me personally came **Paul Raymond Briggs** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

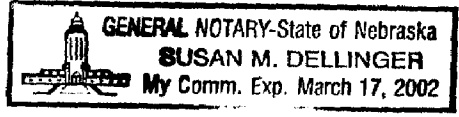
Notary Public

Date: Aug. 30, 1999

Mark S. Curtis
Mark Steven Curtis

United States of America)
State of Nebraska) ss.:
City of Omaha)

On this 30 day of August, 19 99, before me personally came **Mark Steven Curtis** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Susan M. Dellinger

Notary Public

Date: _____

John Francis May

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **John Francis May** to me known to be the individual described in
and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Date: _____

Robert Kevin Noon

United States of America)
State of) ss.:
City of)

On this _____ day of _____, 19____, before me personally came **Robert Kevin Noon** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Date: _____

Clarion Floyd Zoucha

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **Clarion Floyd Zoucha** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Express Mail Label EL378860907US

Case Name and No. BRIGGS 6-2-3-1-2
[Y0242-00164]

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

PH31577375.1

ASSIGNMENT AND AGREEMENT

For value received, we, **Paul Raymond Briggs** of **914 Wall Street South, Newton**, in the County of Sussex and State of New Jersey; **Mark Steven Curtis** of **816 Janesview Street, Apt.#8, Papillion** in the County of Sarpy and State of Nebraska; **John Francis May** of **437 South 159th Street, Omaha**, in the County of Douglas and State of Nebraska; and **Robert Kevin Noon** of **7935 Sleepy Hollow Drive, Tobyhanna**, in the County of Monroe, and State of Pennsylvania; and **Clarion Floyd Zoucha** of **15209 Castelar Circle, Omaha**, in the County of Douglas, State of Nebraska, do 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 **High Density Connector Module** 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.

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Date: _____

Paul Raymond Briggs

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me personally came **Paul Raymond Briggs** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Date: _____

Mark Steven Curtis

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **Mark Steven Curtis** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

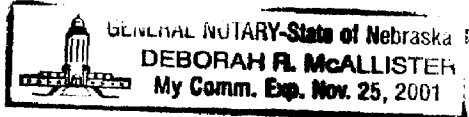
Notary Public

Date: 8/26/99


John Francis May

United States of America)
State of) ss.:
City of)

On this 26th day of August, 19 99, before me personally came **John Francis May** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

Date: _____

Robert Kevin Noon

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **Robert Kevin Noon** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Date: _____

Clarion Floyd Zoucha

United States of America)
State of) ss.:
City of)

On this _____ day of _____, 19____, before me personally came **Clarion Floyd Zoucha** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Express Mail Label EL378860907US

Case Name and No. BRIGGS 6-2-3-1-2
[Y0242-00164]

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

PH3\577375.1

ASSIGNMENT AND AGREEMENT

For value received, we, **Paul Raymond Briggs of 914 Wall Street South, Newton**, in the County of Sussex and State of New Jersey; **Mark Steven Curtis of 816 Janesview Street, Apt.#8, Papillion** in the County of Sarpy and State of Nebraska; **John Francis May of 437 South 159th Street, Omaha**, in the County of Douglas and State of Nebraska; and **Robert Kevin Noon of 7935 Sleepy Hollow Drive, Tobyhanna**, in the County of Monroe, and State of Pennsylvania; and **Clarion Floyd Zoucha of 15209 Castelar Circle, Omaha**, in the County of Douglas, State of Nebraska, do 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 **High Density Connector Module** 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.

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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.

Date: _____

Paul Raymond Briggs

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me personally came **Paul Raymond Briggs** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Date: _____

Mark Steven Curtis

United States of America)
State of) ss.:
City of)

On this _____ day of _____, 19____, before me
personally came **Mark Steven Curtis** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Date: _____

John Francis May

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me personally came **John Francis May** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Date: 8-30-99

Robert Kevin Noon
Robert Kevin Noon

United States of America)
State of *New Jersey*) ss.:
City of *Whippany*)

On this *30th* day of *August*, 19 *99*, before me personally came **Robert Kevin Noon** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Barbara Armstrong
Notary Public

BARBARA ARMSTRONG
Notary Public of New Jersey
My Commission Expires July 14, 2004

Date: _____

Clarion Floyd Zoucha

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me personally came **Clarion Floyd Zoucha** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Express Mail Label EL378860907US

Case Name and No. BRIGGS 6-2-3-1-2
[Y0242-00164]

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

PH3\577375.1

ASSIGNMENT AND AGREEMENT

For value received, we, **Paul Raymond Briggs** of **914 Wall Street South, Newton**, in the County of Sussex and State of New Jersey; **Mark Steven Curtis** of **816 Janesview Street, Apt.#8, Papillion** in the County of Sarpy and State of Nebraska; **John Francis May** of **437 South 159th Street, Omaha**, in the County of Douglas and State of Nebraska; and **Robert Kevin Noon** of **7935 Sleepy Hollow Drive, Tobyhanna**, in the County of Monroe, and State of Pennsylvania; and **Clarion Floyd Zoucha** of **15209 Castelar Circle, Omaha**, in the County of Douglas, State of Nebraska, do 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 **High Density Connector Module** 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.

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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.

Date: _____

Paul Raymond Briggs

United States of America)
State of) ss.:
City of)

On this _____ day of _____, 19____, before me personally came **Paul Raymond Briggs** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Date: _____

Mark Steven Curtis

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me
personally came **Mark Steven Curtis** to me known to be the individual described
in and who executed the foregoing instrument, and acknowledged execution of the
same.

Notary Public

Date: _____

John Francis May

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me personally came **John Francis May** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Date: _____

Robert Kevin Noon

United States of America)
State of) ss.:
City of)

On this day of , 19 , before me personally came **Robert Kevin Noon** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Date: 8-30-99

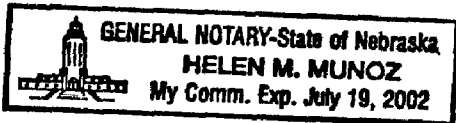
Clarion Floyd Zoucha
Clarion Floyd Zoucha

United States of America)
State of) ss.:
City of)

On this 30 day of August, 19 99, before me personally came **Clarion Floyd Zoucha** to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Helen M. Munoz

Notary Public



Express Mail Label EL378860907US

Case Name and No. BRIGGS 6-2-3-1-2
[Y0242-00164]

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

PH3\577375.1