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04-21-2000



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PATENTS ONLY

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF : Ellen L. Hahne et al.
 FOR : BORDER GATEWAY RESERVATION
 PROTOCOL FOR TREE-BASED AGGREGATION
 OF INTER-DOMAIN RESERVATIONS
 SERIAL NO. : 09/418,702
 FILED : October 15, 1999
 EXAMINER : Unknown
 ART UNIT : 2755
 ATTORNEY DOCKET NO. : LUT 2 0013
 Case Name and No. Hahne 9-1-5
 Cleveland, Ohio 44114-2518
 February 28, 2000

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ASSIGNMENT TRANSMITTAL LETTER

Assistant Commissioner
 for Patents
 BOX ASSIGNMENTS
 Washington, DC 20231

Dear Sir:

Please record the attached original document(s) or copy(ies) thereof.

1. Name of Party(ies) conveying an interest:
 Ellen L. Hahne, Ping P. Pan and Henning G. Schulzrinne

2. Name of Party(ies) receiving an interest:
 Lucent Technologies Inc.
 600 Mountain Avenue
 P.O. Box 636
 Murray Hill, NJ 07974-0636

3. Description of the interest conveyed:
 Assignment Change of Name
 Security Agreement Merger
 Other _____

Execution Date: 1) Ellen L. Hahne - January 7, 2000
 2) Ping P. Pan - January 7, 2000
 3) Henning G. Schulzrinne - December 22, 1999

04/20/2000 TTON11 00000249 122325 09418702

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4. These documents are being filed together with a new application, the execution date of which is: _____.

A. Patent Application No.(s)

B. Patent No.(s)

09/418,702

5. Name and address of Party to whom correspondence concerning this document should be mailed:

Richard J. Minnich
Reg. No. 24,175
FAY, SHARPE, FAGAN
MINNICH & McKEE, LLP
1100 Superior Avenue, Seventh Floor
Cleveland, Ohio 44114-2518

6. One patent application is involved.

7. Amount of fee enclosed or authorized to be charged: \$40.00.

8. Deposit Account Number (attached duplicate copy of this form if paying by Deposit Account): 12-2325.

9. Please charge any additional fees or credit overpayment to Deposit Account No. 12-2325.

10. 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.

11. Total number of pages enclosed 10.

Respectfully submitted,

FAY, SHARPE, FAGAN,
MINNICH & McKEE, LLP

February 28, 2000
Date

Brian E. Kondas
Brian E. Kondas
Reg. No. 40,685
1100 Superior Avenue
Seventh Floor
Cleveland, OH 44114-2518
(216) 861-5582

LUT 2 0013

Case Name and No. Hahne 9-1-5

ASSIGNMENT AND AGREEMENT

For value received, we, **Ellen L. Hahne** of **Westfield**, in the County of **Union**, and State of **New Jersey**, **Ping P. Pan** of **Emerson** in the County of **Bergen** and State of **New Jersey** and **Henning G. Schulzrinne** of **Leonia** in the County of **Bergen** 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 **THE BORDER GATEWAY RESERVATION PROTOCOL (BGRP) FOR TREE-BASED AGGREGATION OF INTER-DOMAIN RESERVATIONS** described in an application for Letters Patent of the United States, which was filed with the U.S. Patent and Trademark Office on October 15, 1999, as U.S. Serial No. 09/418,702, 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.

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.

LUT 2 0013

Case Name and No. Hahne 9-1-5

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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.

Ellen L. Hahne

Ellen L. Hahne

Date: Jan 7, 2000

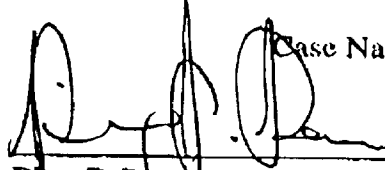
United States of America)
)
State of New Jersey) ss:
)
City of Monmouth)

On this 7th day of January, ~~1999~~²⁰⁰⁰ ^{JA}, before me personally came **Ellen L. Hahne**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Jeffery James Brosemer
Notary Public

JEFFERY JAMES BROSEMER
A Notary Public of New Jersey
My Commission Expires August 10, 2000

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Case Name and No. Hahne 9-1-5
Page 3 of 4




Ping P. Pan

Date: 1/7/2000

United States of America)
)
State of New Jersey) ss:
)
City of Mannmouth)

On this 7th day of January, ~~1999~~ ^{2000 JJK.}, before me personally came **Ping P. Pan**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

JEFFERY JAMES PROSSER
A Notary Public of New Jersey
My Commission Expires August 10, 2000

LUT 2 0013

Case Name and No. Hahne 9-1-5

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Henning G. Schulzrinne

Date: _____

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

On this _____ day of _____, 1999, before me personally came **Henning G. Schulzrinne**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

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

ASSIGNMENT AND AGREEMENT

For value received, we, **Ellen L. Hahne** of **Westfield**, in the County of **Union**, and State of **New Jersey**, **Ping P. Pan** of **Emerson** in the County of **Bergen** and State of **New Jersey** and **Henning G. Schulzrinne** of **Leonia** in the County of **Bergen** 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 **THE BORDER GATEWAY RESERVATION PROTOCOL (BGRP) FOR TREE-BASED AGGREGATION OF INTER-DOMAIN RESERVATIONS** described in an application for Letters Patent of the United States, which was filed with the U.S. Patent and Trademark Office on October 15, 1999, as U.S. Serial No. 09/418,702, 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.

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.

Ellen L. Hahne

Date: _____

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

On this _____ day of _____, 1999, before me personally came **Ellen L. Hahne**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Ping P. Pan

Date: _____

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

On this _____ day of _____, 1999, before me personally came **Ping P. Pan**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Henning G. Schulzrinne
Henning G. Schulzrinne

Date: 12/22/99

United States of America)
)
State of New York) ss:
)
City of n.y.)

On this 22nd day of December, 1999, before me personally came **Henning G. Schulzrinne**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Florence J. Grant
Notary Public

FLORENCE J. GRANT
Notary Public, State of New York
No. 31-4666482
Qualified in New York County
Commission Expires March 30, ~~2000~~

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