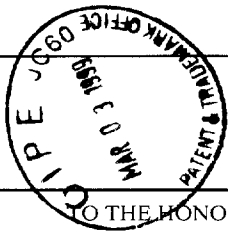


MAD  
3-3-99



03-12-1999



100983493

Attorney Docket Number  
9284-030

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Box Assignment  
Washington, DC 20231

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

David M. Balenson, Stephen T. Walker, Carl M. Ellison and Steven B. Lipner

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: December 21, 23 and 28, 1998 and February 22, 1999

2. Name and address of receiving party(ies):

Name: Network Associates Inc.

Address: 3965 Freedom Circle, Santa Clara, CA 95054

Country (if other than USA): \_\_\_\_\_

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: \_\_\_\_\_

A. Patent Application No.(s) 09/062,748

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

PENNIE & EDMONDS LLP  
1667 K Street, N.W.  
Washington, D.C. 20006

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00  
Please charge to the deposit account listed in Section 8.

8. Deposit account number:  
16-1150

**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.*

Gregory J. Gonsalves P-43,639  
Name of Person Signing Reg. No.

Signature

Date

March 3, 1999

Total number of pages including cover sheet:

8

Mail documents to be recorded with required cover sheet information to:  
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Washington, D.C. 20231

03/11/1999 JMTKINS 0000025161150 0862748

40.00 CN

01 FC:501

**PATENT**  
**REEL: 9796 FRAME: 0356**

DC1 - 214013.1

## ASSIGNMENT

WHEREAS, WE, Steven B. Lipner, David M. Balenson, Carl M. Ellison and Stephen T. Walker, ASSIGNORS, citizens of the United States, residing at 11711 Sumacs Street, Oakton, Virginia 22124, 18529 Meadowland Terrace, Olney, Maryland 20832, 207 Grindall Street, Baltimore, Maryland 21230 and 3100 Washington Road, Route 97, Glenwood, Maryland 21738, respectively, are the inventors of the invention in for which we have executed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐ \_\_\_\_\_

☒ which is identified by Pennie & Edmonds LLP docket no. 9284-030

☒ which was filed on April 20, 1998, Application No. 09-062,748

and WHEREAS, Network Associates, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Dec 21, 1998 David M. Balenson L.S.  
 Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.  
 Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.  
 Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

State of Ind )  
 County of Howard ) SS.:

On this 21st day of December, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared David M. Balenson to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

Mary E. Leishear

Notary Public.

State of \_\_\_\_\_ )  
 County of \_\_\_\_\_ ) SS.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared \_\_\_\_\_ to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

## ASSIGNMENT

WHEREAS, WE, Steven B. Lipner, David M. Balenson, Carl M. Ellison and Stephen T. Walker, ASSIGNORS, citizens of the United States, residing at 11711 Sumacs Street, Oakton, Virginia 22124, 18529 Meadowland Terrace, Olney, Maryland 20832, 207 Grindall Street, Baltimore, Maryland 21230 and 3100 Washington Road, Route 97, Glenwood, Maryland 21738, respectively, are the inventors of the invention in for which we have executed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐ \_\_\_\_\_

☒ which is identified by Pennie & Edmonds LLP docket no. 9284-030

☒ which was filed on April 20, 1998, Application No. 09/062,748

and WHEREAS, Network Associates, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 12/23, 1998 Stephen T. Walker L.S.  
 Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.  
 Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.  
 Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

State of \_\_\_\_\_ )  
 ) SS.:  
 County of \_\_\_\_\_ )

On this 23 day of December, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Donna S. St. John-Miller to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**DONNA S. ST. JOHN-MILLER**  
 Notary Public  
 Montgomery County  
 Maryland  
 My Commission Expires July 30, 2002

State of \_\_\_\_\_  
 County of \_\_\_\_\_ )

Donna S. St. John-Miller  
 Notary Public.

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared \_\_\_\_\_ to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

## ASSIGNMENT

WHEREAS, WE, Steven B. Lipner, David M. Balenson, Carl M. Ellison and Stephen T. Walker, ASSIGNORS, citizens of the United States, residing at 11711 Sumacs Street, Oakton, Virginia 22124, 18529 Meadowland Terrace, Olney, Maryland 20832, 207 Grindall Street, Baltimore, Maryland 21230 and 3100 Washington Road, Route 97, Glenwood, Maryland 21738, respectively, are the inventors of the invention in for which we have executed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐ \_\_\_\_\_

- ☒ which is identified by Pennie & Edmonds LLP docket no. 9284-030  
☒ which was filed on April 20, 1998, Application No. 09/062,748

and WHEREAS, Network Associates, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Dec 28, 1998 Carl M. Ellison L.S.

Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

State of \_\_\_\_\_ )  
 County of \_\_\_\_\_ ) SS.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
 Notary Public.

State of \_\_\_\_\_ )  
 County of \_\_\_\_\_ ) SS.:

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

JOINT

## ASSIGNMENT

WHEREAS, WE, Steven B. Lipner, David M. Balenson, Carl M. Ellison and Stephen T. Walker, ASSIGNORS, citizens of the United States, residing at 11711 Surnacs Street, Oakton, Virginia 22124, 18529 Meadowland Terrace, Olney, Maryland 20832, 207 Grindall Street, Baltimore, Maryland 21230 and 3100 Washington Road, Route 97, Glenwood, Maryland 21738, respectively, are the inventors of the invention in for which we have executed an application for a Patent of the United States

☐ which is executed on ☐ even date herewith or ☐ \_\_\_\_\_

☒ which is identified by Pennie & Edmonds LLP docket no. 9284-030

☒ which was filed on April 20, 1998, Application No. 09/062,748

and WHEREAS, Network Associates, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date 22 Feb 1998 1998 SA B Lip L.S.

Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

Date \_\_\_\_\_, 1998 \_\_\_\_\_ L.S.

State of Virginia }  
County of Farmington } SS.:

On this 22 day of February, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Steven B. Lipner, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

David M. Balenson

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ } SS.:

Notary Public.

On this \_\_\_\_\_ day of \_\_\_\_\_, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

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