

FORM PTO-1619A
Expires 06/30/99
CMB 0851-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

RECORDATION FORM COVER SHEET PATENTS ONLY

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

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Second Party

Name (line 1) Execution Date
Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

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Address (line 4)

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

PATENT

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REEL: 010988 FRAME: 0222

FORM PTO-1619B
Expires 06/30/99
OMB 0551-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address

Area Code and Telephone Number

Name Reg. No.

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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

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

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT
only if a U.S. Application Number PCT PCT
has not been assigned.

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account

Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

John C. Merchant



September 25, 2000

Name of Person Signing

Signature

Date

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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce
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PATENT

Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

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

Patent Application Number(s)

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PATENT TRADEMARK OFFICE

103.1047.01

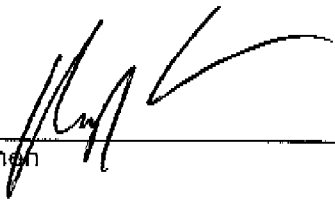
ASSIGNMENT

WHEREAS, We, Ray Chen, a citizen of United States, residing at 400 Castro Court, Campbell, California 95008, John K. Edwards, a citizen of United States, residing at 1173 Crandano Court, Sunnyvale, California 94087-2076, and Kayuri Patel, a citizen of Kenya, residing at 20380 Stevens Creek Blvd., Apt. 219, Cupertino, California 95014 have invented a "Manipulation of Zombie Files and Evil-Twin Files" for which we have executed application papers for a U.S. patent thereon, which was filed on August 18, 2000, Serial No. 09/642066; and

WHEREAS, Network Appliance, Inc. a California corporation, having a place of business at 495 East Java Drive, Sunnyvale, CA 94089 is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Ray Chen, John K. Edwards, and Kayuri Patel, do sell, assign, transfer and set over unto the said Network Appliance, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Network Appliance, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at 5:00 p.m., Sunnyvale, CA this 9th day of September, 2000.



Ray Chen

John K. Edwards

Kayuri Patel



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103.1047.01

PATENT TRADEMARK OFFICE

ASSIGNMENT

WHEREAS, We, Ray Chen, a citizen of United States, residing at 400 Castro Court, Campbell, California 95008, John K. Edwards, a citizen of United States, residing at 1173 Grandano Court, Sunnyvale, California 94087-2076, and Kayuri Patel, a citizen of Kenya, residing at 20380 Stevens Creek Blvd., Apt. 219, Cupertino, California 95014 have invented a "**Manipulation of Zombie Files and Evil-Twin Files**" for which we have executed application papers for a U.S. patent thereon, which was filed on **August 18, 2000, Serial No. 09/642066**; and

WHEREAS, Network Appliance, Inc. a California corporation, having a place of business at 495 East Java Drive, Sunnyvale, CA 94089 is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Ray Chen, John K. Edwards, and Kayuri Patel, do sell, assign, transfer and set over unto the said Network Appliance, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Network Appliance, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at 5:19 pm Sunnyvale California, this 8th day of September, 2000.

Ray Chen

John K Edwards
John K. Edwards

Kayuri Patel



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ASSIGNMENT

WHEREAS, We, Ray Chen, a citizen of United States, residing at 400 Castro Court, Campbell, California 95008, John K. Edwards, a citizen of United States, residing at 1173 Crandano Court, Sunnyvale, California 94087-2076, and Kayuri Patel, a citizen of Kenya, residing at 20380 Stevens Creek Blvd., Apt. 219, Cupertino, California 95014 have invented a **"Manipulation of Zombie Files and Evil-Twin Files"** for which we have executed application papers for a U.S. patent thereon, which was filed on **August 18, 2000, Serial No. 09/642066**; and

WHEREAS, Network Appliance, Inc. a California corporation, having a place of business at 495 East Java Drive, Sunnyvale, CA 94089 is desirous of acquiring the exclusive right, title and interest in and to said invention and in and to the Letters Patent to be granted and issued therefor in the United States of America and its territories and possessions, and in all countries foreign thereto;

NOW, THEREFORE, for a valuable consideration, the receipt of which is hereby acknowledged, We, Ray Chen, John K. Edwards, and Kayuri Patel, do sell, assign, transfer and set over unto the said Network Appliance, Inc., its successors and assigns, the full and exclusive right, title and interest in and to said invention, and in and to any and all letters patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions; but also for, to and in all other countries including all priority rights under the International Convention; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said Network Appliance, Inc., its successors and assigns, in accordance with this Assignment.

WITNESS OUR HAND at Sunnyvale, CA, this 24th day of September, 2000.

Ray Chen

John K. Edwards

Kayuri Patel

Kayuri Patel