PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3085652

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETROS EFSTATHOPOULOS	09/25/2014
FANGLU GUO	10/27/2011
XIANBO ZHANG	10/28/2011
SANJAY SAWHNEY	10/28/2011
WEIBAO WU	10/28/2011

RECEIVING PARTY DATA

Name:	SYMANTEC CORPORATION
Street Address:	350 ELLIS STREET
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13285331

CORRESPONDENCE DATA

Fax Number: (212)230-8888

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: megan.stembridge@wilmerhale.com
Correspondent Name: THOMAS E. ANDERSON
Address Line 1: 1875 PENNSYLVANIA AVENUE NW
Address Line 2: WILMERHALE
Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	1762030.232 US1
NAME OF SUBMITTER:	MEGAN L. STEMBRIDGE
SIGNATURE:	/Megan L. Stembridge/
DATE SIGNED:	10/29/2014

Total Attachments: 5
source=232US1 ASG#page1.tif
source=232US1 ASG#page2.tif

source=232US1 ASG#page3.tif
source=232US1 ASG#page4.tif
source=232US1 ASG#page5.tif

Attorney Docket No.: SYMT-111411

Assignment to Symantec Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we **Fanglu Guo, Petros Efstathopoulos, Xianbo Zhang, Sanjay Sawhney, and Weibao Wu** do hereby sell, assign, and transfer unto Symantec Corporation (hereinafter called Symantec), a Delaware Corporation having its principal place of business at 350 Ellis Street, Mountain View, CA 94043, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

MANGAING BACKUPS OF DATA OBJECTS IN CONTAINERS

____ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

X Serial No.: 13/285,331 filed on October31, 2011 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

And for the above consideration, I/we agree promptly upon request of Symantec, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Symantec, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Symantec.

I/we further covenant with Symantec, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: ____ Date: ____
Fanglu Guo

Inventor's Signature: ____ Date: 9/25/2014
Petros Efstathopoulos

Inventor's Signature: ____ Date: ____
Xianbo Zhang

Inventor's Signature: ____ Date: ____
Sanjay Sawhney

Inventor's Signature: ____ Date: ____
Weibao Wu

Attorney Docket No.: SYMT-111411

Assignment to Symantec Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Fanglu Guo, Petros Efstathopoulos, Xianbo Zhang, Sanjay Sawhney, and Weibao Wu do hereby sell, assign, and transfer unto Symantec Corporation (hereinafter called Symantec), a Delaware Corporation having its principal place of business at 350 Ellis Street, Mountain View, CA 94043, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

MANGAING BACKUPS OF DATA OBJECTS IN CONTAINERS

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

____ Serial No.: ______________ filed on ______________ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

And for the above consideration, I/we agree promptly upon request of Symantec, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Symantec, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Symantec.

I/we further covenant with Symantec, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: ______________ Date: 10/27/2011
Fanglu Guo

Inventor's Signature: ______________ Date: ______________
Petros Efstathopoulos

Inventor's Signature: ______________ Date: ______________
Xianbo Zhang

Inventor's Signature: ______________ Date: ______________
Sanjay Sawhney

Inventor's Signature: ______________ Date: ______________
Weibao Wu

Attorney Docket No.: SYMT-111411

Assignment to Symantec Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Fanglu Guo, Petros Efstathopoulos, Xianbo Zhang, Sanjay Sawhney, and Weibao Wu
do hereby sell, assign, and transfer unto Symantec Corporation (hereinafter called Symantec), a Delaware Corporation having its principal place of business at 350 Ellis Street, Mountain View, CA 94043, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

MANGAING BACKUPS OF DATA OBJECTS IN CONTAINERS

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

___ Serial No.: ________ filed on ________ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

And for the above consideration, I/we agree promptly upon request of Symantec, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Symantec, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Symantec.

I/we further covenant with Symantec, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: ________ Date: ________
Fanglu Guo

Inventor's Signature: ________ Date: ________
Petros Efstathopoulos

Inventor's Signature: ________ Date: 10/28/2011
Xianbo Zhang

Inventor's Signature: ________ Date: ________
Sanjay Sawhney

Inventor's Signature: ________ Date: ________
Weibao Wu

Attorney Docket No.: SYMT-111411

Assignment to Symantec Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we **Fanglu Guo, Petros Efstathopoulos, Xianbo Zhang, Sanjay Sawhney, and Weibao Wu** do hereby sell, assign, and transfer unto Symantec Corporation (hereinafter called Symantec), a Delaware Corporation having its principal place of business at 350 Ellis Street, Mountain View, CA 94043, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

MANGAING BACKUPS OF DATA OBJECTS IN CONTAINERS

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

___ Serial No.: ______ filed on ______ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

And for the above consideration, I/we agree promptly upon request of Symantec, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Symantec, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Symantec.

I/we further covenant with Symantec, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: ______ Date: ______
Fanglu Guo

Inventor's Signature: ______ Date: ______
Petros Efstathopoulos

Inventor's Signature: ______ Date: ______
Xianbo Zhang

Inventor's Signature: Sanjy Sawhny Date: 10/28/2011
Sanjay Sawhney

Inventor's Signature: ______ Date: ______
Weibao Wu

408 938 9069

Attorney Docket No.: SYMT-111411

Assignment to Symantec Corporation

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we
Fanglu Guo, Petros Efstathopoulos, Xianbo Zhang, Sanjay Sawhney, and Weibao Wu
do hereby sell, assign, and transfer unto Symantec Corporation (hereinafter called Symantec), a Delaware Corporation having its principal place of business at 350 Ellis Street, Mountain View, CA 94043, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

MANGAING BACKUPS OF DATA OBJECTS IN CONTAINERS

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; or

____ Serial No.: ____________ filed on ____________ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore;

And for the above consideration, I/we agree promptly upon request of Symantec, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Symantec, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Symantec.

I/we further covenant with Symantec, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: ____________ Date: ____________
Fanglu Guo

Inventor's Signature: ____________ Date: ____________
Petros Efstathopoulos

Inventor's Signature: ____________ Date: ____________
Xianbo Zhang

Inventor's Signature: ____________ Date: ____________
Sanjay Sawhney

Inventor's Signature: Weibao Wu Date: 10/28/11
Weibao Wu