503039054 10/29/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

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

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503039054 PATENT REEL: 034059 FRAME: 0201

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> PATENT REEL: 034059 FRAME: 0202

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:
Inventorio Cianativas

Assignment to Symantec Corporation

In witness whereof, I/v	we hereunto set my/our hand(s) and seal:		
Inventor's Signature: Fanglu Guo	11	Date:	
Inventor's Signature: Petros Efstathopoulos		Date:	9/25/2014
Inventor's Signature: Xianbo Zhang		Date:	
Inventor's Signature: Sanjay Sawhney		Date:	
Inventor's Signature: Weibao Wu		Date:	

Attorney Dockel No.: SYMT-111411

Assignment to Symantec Corporation

In consideration of good Fanglu Guo, Petros do hereby sell, assign Corporation having its successors and assign any and all improvement entitled:	Efstathopoulon, and transfer places principal places, the entire rice	es, Xianbo Zha unto Symante e of business ht. title, and into	ng Sanjay Saw Corporation at 350 Ellis Serest for the Uni	thney, and W (hereinafter of Street, Mount ted States and	eibao Wu alled Syma an View, (Lall foreign	intec), a De CA 94043, countries, in	and its and to
MANGAING BACKUPS	S OF DATA OB.	JECTS IN CON	TAINERS				
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Serial No.; and described the which may be grad	rein, and any a	led on ind all Letters F therefore;	Palent of the Un	ited States ar	and the inv od of countr	ventions set ies foreign t	forth hereto
And for the above con execute and deliver with continuation, divisional Symantec, its succession the United States and it proceedings involving expenses which may be lifwe further covenant when the succession of the undersigned, and execute and the succession of the successio	hout further con for reissue, or ors and assigns in any country for said inventions a e incurred by mo with Symantec, it wher agreement	npensation any rother papers, the inventions reign thereto, a and in the adjusterus in lending: as successors, a affecting the ri	power of attorn which may be described in sa nd to cooperate dication or reexa such cooperations and legists and proper power of a proper cooperations.	ey, assignmer necessary of application and assist in amination of s n and assistar al representat ty herein conv	nt, application of desirable and all pate the prosecution of the prosecution of the prosecution of the prosecution of the paid fives that no eyed has be	n, whether of fully to sent rights the ution of interferent providing by Symant assignment to made to	original, cure to erein, in ference ded the ec. i, grant, others
In witness whereof, I/w	e hereunto set n	ny/our hand(s)	and seal:				
Inventor's Signature. Fanglu Guo	75 (u	En o		Date:	10/27	2011	
Inventor's Signature: Petros Efstathopoulos	who he wish and spice on this tries on a second			Date:	م ده مه ماه میشد. نیستانات میشد میشد به میشد به میشد میشد میشد میشد میشد به میشد میشد میشد میشد میشد میشد میشد	and the state of t	the fill was not an improve security
Inventor's Signature: Xiænbo Zhang	and the time of the second decreases and the second decreases of the second de			Date:	a ana ana ana an' ao amin' ao		
Inventor's Signature: Sanjay Sawhney				Date:			·
Inventor's Signature: Weibao Wu		the A has as one of manager broad propagation and the		Date:		oraș de la	

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Attorney Docket No.:	SYMT-111411
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Assignment to Symantec Corporation

In consideration of good and valuable Fanglu Guo, Petros Efstathopo	ulos, Xianbo Zhang, Sanjay S	awhney, and Weibao Wu	
Corporation having its principal psuccessors and assigns, the entire	place of business at 350 Ellist right, title, and interest for the L	on (hereinafter called Symantec), a Delis Street, Mountain View, CA 94043, at Jnited States and all foreign countries, in a under, the application for the United S	nd its and to
MANGAING BACKUPS OF DATA	OBJECTS IN CONTAINERS		
	ns set forth and described therei s foreign thereto which may be g	in, and any and all Letters Patent of the granted thereon or therefore; or	
Serial No.: and described therein, and ar which may be granted thereon		and the inventions set for United States and of countries foreign the	
execute and deliver without further continuation, divisional or reissue Symantec, its successors and assist the United States and in any countriproceedings involving said inventio expenses which may be incurred by I/we further covenant with Symante mortgage, license, or other agreem	compensation any power of atto or other papers which may gns, the inventions described in y foreign thereto, and to cooper as and in the adjudication or re- or me/us in lending such coopera c, its successors, assigns, and lent affecting the rights and prop	est of Symantec, its successors or assignment, application, whether or be necessary or desirable fully to secusaid application and all patent rights there are and assist in the prosecution of interferexamination of said Letters Patent providention and assistance are paid by Symantection and assistance are paid by Symantection and assistance are paid by Symantectic terms of the content of the c	riginal, ure to ein, in erence ed the c. grant, others
In witness whereof, I/we hereunto s		or the same of the	
Inventor's Signature: Fanglu Guo	**************************************	Date:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Inventor's Signature: Petros Efstathopoulos		Date:	
Inventor's Signature: Xianbo Zhang		Date: (0/28/2011	Or Management (Organis
Inventor's Signature: Sanjay Sawhney	•	Date:	ekkeelikus (CC satapaga ya ya
Inventor's Signature:		Date [,]	

Weibao Wu

Attorney Docket No.: SYMT-111411

Assignment to Sym	antec Corporai	lion	
do hereby sell, assign, and	<mark>hopoulos, Xianbo Zh</mark> transfer unto Symar	nang, Sanjay Sawhney, and ntec Corporation (hereinafter	Welbao Wu called Symantec), a Delaware
Corporation having its princ successors and assigns, the c any and all improvements, in	ipal place of busines entire right, title, and in	ss at 350 Ellis Street, Mounterest for the United States a	ntain View, CA 94043, and its and all foreign countries, in and to application for the United States
oatent entitled:			
MANGAING BACKUPS OF D	ATA OBJECTS IN CC	NTAINERS	
X filed herewith and the inv United States and of cou	entions set forth and our thereto	lescribed therein, and any and which may be granted thereol	d all Letters Patent of the n or therefore; or
Serial No.:	filed on		and the inventions set forth
and described therein, a which may be granted the	nd any and all Letters ereon or therefore;	Patent of the United States	and the inventions set forth and of countries foreign thereto
execute and deliver without fu continuation, divisional or re Symantec, its successors and the United States and in any o	irther compensation and issue, or other paped I assigns, the invention country foreign thereto ventions and in the ad	ny power of attorney, assignm rs which may be necessary ns described in said application, and to cooperate and assist judication or reexamination o	ec, its successors or assigns, to nent, application, whether original, or desirable fully to secure to on and all patent rights therein, in in the prosecution of interference f said Letters Patent provided the tance are paid by Symantec.
mortgage, license, or other ac	greement affecting the	rights and property herein co	tatives that no assignment, grant inveyed has been made to others possessed by the undersigned;
In witness whereof, I/we here	unto set my/our hand(s) and seal:	
Inventor's Signature:		Date	2
Fanglu Guo			
Inventor's Signature:		Date	S*
Petros Efstathopoulos	***************************************		- AMAGAS ASSESSMENT AS
		Date	
Inventor's Signature:	***************************************	Date	
Xianbo Zhang	Sany So	hm	10/20/2011
Inventor's Signature:	Sony 50	W) Date	10/28/2011

Inventor's Signature: Sanjay Sawhney

Inventor's Signature:

Weibao Wu

Date:

No. 0800 P. 1

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: Sanjay Sawhney Inventor's Signature: Waiblio Wy Date: 19/28/1/ Weibao Wu

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