

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>James Eugene CHOW</td><td>04/26/2011</td></tr><tr><td>Tal GARFINKEL</td><td>04/26/2011</td></tr><tr><td>Dominic LUCCHETTI</td><td>04/15/2011</td></tr></tbody></table>		Name	Execution Date	James Eugene CHOW	04/26/2011	Tal GARFINKEL	04/26/2011	Dominic LUCCHETTI	04/15/2011		
Name	Execution Date										
James Eugene CHOW	04/26/2011										
Tal GARFINKEL	04/26/2011										
Dominic LUCCHETTI	04/15/2011										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>VMware, Inc.</td></tr><tr><td>Street Address:</td><td>3401 Hillview Avenue</td></tr><tr><td>City:</td><td>Palo Alto</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94304</td></tr></table>		Name:	VMware, Inc.	Street Address:	3401 Hillview Avenue	City:	Palo Alto	State/Country:	CALIFORNIA	Postal Code:	94304
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13049637</td></tr></tbody></table>		Property Type	Number	Application Number:	13049637						
Property Type	Number										
Application Number:	13049637										
CORRESPONDENCE DATA											
Fax Number: (650)427-4818 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 650-427-1049											
Email: ipadmin@vmware.com											
Correspondent Name: VMWARE, INC.											
Address Line 1: DARRYL SMITH											
Address Line 2: 3401 Hillview Ave.											
Address Line 4: PALO ALTO, CALIFORNIA 94304											
ATTORNEY DOCKET NUMBER:	A510										
NAME OF SUBMITTER:	Darryl A. Smith										
Total Attachments: 4 source=A510-ASSIGN-PA#page1.tif source=A510-ASSIGN-PA#page2.tif source=A510-ASSIGNMENT-Dominic#page1.tif source=A510-ASSIGNMENT-Dominic#page2.tif											

CH \$40.00 13049637

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

James Eugene CHOW	of	San Jose, CA
Tal GARFINKEL	of	Palo Alto, CA
Dominic LUCCHETTI	of	Los Altos, CA

hereby sell, assign, transfer and set over to

ASSIGNEE: VMware, Inc., a Delaware corporation, having a principal place of business at 3401 Hillview Avenue, Palo Alto, California 94304, U.S.A. (VMware), its successors, assigns and legal representatives,

my entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- ☐ U.S. Patent Application executed on or about the date of this Assignment,
- ☐ U.S. Patent Application executed on _____, _____, _____, or
- ☒ U.S. Patent Application No.: 13/049,637, filed on March 16, 2011;
- ☐ U.S. Provisional Application No.: _____, filed on _____;
- ☐ International Application No.: PCT/_____, filed on _____;

and

ENTITLED: System and Method of Manipulating Virtual Machine Recordings for High-Level Execution and Replay

and identified by Attorney Docket Number A510

and naming inventor(s) as follows:

INVENTOR(S): James Eugene CHOW; Tal GARFINKEL; Dominic LUCCHETTI

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including any and all provisional, international, regional and foreign national applications) for said invention(s), including divisionals, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof --the foreign applications including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention(s) in any country or countries foreign to the United States, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

ASSIGNMENT

I authorize and request that the U.S. Patent Application number and filing date corresponding to the U.S. Patent Application identified above be inserted here, if not already shown above, when such Patent Application number and filing date become known:

U.S. Patent Application 13/049,637, filed March 16, 2011.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s); to claim all rights of priority without further authorization from me, which priority rights include rights derived from any United States application (provisional or otherwise) 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 to own in its own name all applications, all patents and inventor's certificates in all countries based on the invention(s).

I agree to execute any and all documents requested by ASSIGNEE, its successors, assigns, legal representatives, or nominees, at their reasonable expense, in connection with filing and prosecution of any and all United States and foreign applications (including international, regional, and foreign national applications), enforcement of all patents, and maintenance of all rights in the invention(s), patents, inventor's certificates and applications for patents or inventor's certificates based on any of the invention(s); and generally to do everything possible to aid ASSIGNEE, its successors, assigns, legal representatives, and nominees, at their request and reasonable expense, in obtaining, enforcing, and maintaining patents and inventor's certificates for said invention(s) in all countries. In particular, I agree to provide to ASSIGNEE, its successors, assigns, legal representatives, or nominees, at their request and at their reasonable expense, all information known to or ascertainable by me and all documents and other materials and objects pertaining to the invention(s) that are in the possession of or accessible to me; and further, at any trial, hearing, deposition or other legal proceeding where I am called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or nominee, I agree to testify to all facts pertaining to the invention(s) for which I am competent to testify.

I hereby covenant that I have full right to convey the entire interest that is being assigned by this Assignment, and that no assignment, sale, license, agreement, or encumbrance has been or will be made or entered into that would conflict with this Assignment.

I 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 any U.S. Letters Patent or any other patent or property right that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on 4/26/2011, by James Eugene CHOW
Date
Executed on 4/26/2011, by Tal GARFINKEL
Date
Executed on _____, by Dominic LUCCHETTI
Date

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, an ASSIGNOR named below,

James EUGENE CHOW	of	San Jose, CA
Tal GARPINKEL	of	Palo Alto, CA
Dominic LUCCHETTI	of	Bellsville, MD

hereby sell, assign, transfer and set over to

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 International Application No.: PCT/..... filed on

and

ENTITLED: System and Method of Manipulating Virtual Machine Recordings for High-Level Execution and Replay

and identified by Attorney Docket Number A516

and naming inventor(s) as follows:

INVENTOR(S): James Eugene CHOW; Tal GARFINKEL; Dominic LUCCHETTI

including without limitation, my entire right, title and interest in and to any and all United States and foreign applications (including any and all provisional, international, regional and foreign national applications) for said invention(s), including divisionals, continuations, continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all patents of every country or region that may be granted or have been granted for said invention(s), including any reissues and reexaminations thereof --the foreign applications including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention(s) in any country or countries foreign to the United States, and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

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I agree to execute any and all documents requested by ASSIGNEE, its successors, assigns, legal representatives, or nominees, at their reasonable expense, in connection with filing and prosecution of any and all United States and foreign applications (including international, regional, and foreign national applications), enforcement of all patents, and maintenance of all rights in the invention(s), patents, inventor's certificates and applications for patents or inventor's certificates based on any of the invention(s); and generally to do everything possible to aid ASSIGNEE, its successors, assigns, legal representatives, and nominees, at their request and reasonable expense, in obtaining, enforcing, and maintaining patents and inventor's certificates for said invention(s) in all countries. In particular, I agree to provide to ASSIGNEE, its successors, assigns, legal representatives, or nominees, at their request and at their reasonable expense, all information known to or ascertainable by me and all documents and other materials and objects pertaining to the invention(s) that are in the possession of or accessible to me; and further, at any trial, hearing, deposition or other legal proceeding where I am called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or nominees, I agree to testify to all facts pertaining to the invention(s) for which I am competent to testify.

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Executed on _____, by _____
Date James Eugene CHOW

Executed on _____, by _____
Date Tai GARPINKEL

Executed on 4/15/2011, by _____
Date Dominic LUCCHETTI