PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yaron HALPERIN	10/13/2009
Jad CHAMCHAM	09/15/2009
Christian Matthew LEROY	09/15/2009
Gerald I. L. CHEONG	09/15/2009
Matthew B. ECCLESTON	09/15/2009
Noah WASMER	09/15/2009

RECEIVING PARTY DATA

Name:	VMware, Inc.
Street Address:	3401 Hillview Avenue
City:	Palo Alto
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12560349

CORRESPONDENCE DATA

Fax Number: (650)427-4818

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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: A226

REEL: 023380 FRAME: 0849

40.00

UV 640

PATENT

NAME OF SUBMITTER: Rajeev Madnawat Total Attachments: 12 source=A226-ASG-Chamchan-Leroy-Cheong#page1.tif source=A226-ASG-Chamchan-Leroy-Cheong#page2.tif source=A226-ASG-Chamchan-Leroy-Cheong#page3.tif source=A226-ASG-Eccleston#page1.tif source=A226-ASG-Eccleston#page2.tif source=A226-ASG-Eccleston#page3.tif source=A226-ASG-Wasmer#page1.tif source=A226-ASG-Wasmer#page2.tif source=A226-ASG-Wasmer#page3.tif source=A226-ASG-Yaron#page1.tif source=A226-ASG-Yaron#page2.tif

source=A226-ASG-Yaron#page3.tif

PATENT REEL: 023380 FRAME: 0850

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

Yaron HALPERIN	of	Sunnyvale, CA
Jad CHAMCHAM	of	Mountain View, CA
Christian Matthew LEROY	of	San Francisco, CA
Gerald I. L. CHEONG	of	East Palo Alto, CA
Matthew B. ECCLESTON	of`	San Francisco, CA
Noah WASMER	of	Palo Alto, 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
X	U.S. Patent Application No.: 12/560,349, filed on September 15, 2009;
Χ.	U.S. Provisional Application No.: 61/097,115, filed on September 15, 2008;
hanana, i	International Application No.: PCT/, filed on

and

ENTITLED: Unified Secure Virtual Machine Player and Remote Desktop Client;

and identified by Attorney Docket Number <u>A226</u>:

and naming inventor(s) as follows:

INVENTOR(S): Yaron HALPERIN, Jad CHAMCHAM, Christian Matthew LEROY.

Gerald I. L. CHEONG, Matthew B. ECCLESTON, and Noah WASMER

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

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:

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		by:
•	Date	Yaron HALPERIN
Executed on _	September 15 2009.	by:
	Date	IndCHAMCHAM

ASSIGNMENT	Γ		
Executed on	9(6)2009	by	
	Date		Christian Matthew LEROY
Executed on _	<u>Septanda (5, 2009.</u>	by.	
	Date		Gérald I. L. CHEONG
Executed on _		by	
	Date		Matthew B. ECCLESTON
Executed on _		by	
	Date	•	Noah WASMER

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

Yaron HALPERIN	of	Sunnyvale, CA
Jad CHAMCHAM	of	Mountain View, CA
Christian Matthew LEROY	of	San Francisco, CA
Gerald I. L. CHEONG	of	East Palo Alto, CA
Matthew B. ECCLESTON	of	San Francisco, CA
Noah WASMER	of	Palo Alto, 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>X</u>	U.S. Patent Application No.: 12/560.349, filed on September 15, 2009;
X	U.S. Provisional Application No.: 61/097,115, filed on September 15, 2008;
	International Application No.: PCT/, filed on

and

ENTITLED: Unified Secure Virtual Machine Player and Remote Desktop Client;

and identified by Attorney Docket Number A226;

and naming inventor(s) as follows:

INVENTOR(S): Yaron HALPERIN, Jad CHAMCHAM, Christian Matthew LEROY.

Geraid I. L. CHEONG, Matthew B. ECCLESTON, and Noah WASMER

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

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 App	olication	, filed	

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 _	*	by	
	Date	·	Yaron HALPERIN
Executed on		by	
	Date	•	Jad CHAMCHAM

Executed on	, by	
Date	/ ************************************	inhew LEROY
Executed on	, by	
Date	Gerald I. L. (CHEONG
Executed on <u>9//5/</u>	OR by MAR	1/1/4400
Date	Matthew B. I	ECCLESTON
Executed on	by	
Date	Noah WASM	ÆR

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

Yaron HALPERIN	of	Sunnyvale, CA
Jad CHAMCHAM	of	Mountain View, CA
Christian Matthew LEROY	of	San Francisco, CA
Gerald I. L. CHEONG	of	East Paio Alto, CA
Matthew B. ECCLESTON	of	San Francisco, CA
Noah WASMER	of	Palo Alto, 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
X U.S. Patent Application No.: 12/560,349, filed on September 15, 2009;
X U.S. Provisional Application No.: 61/097,115, filed on September 15, 2008;
International Application No.: PCT/, filed on;
and
ENTITLED: Unified Secure Virtual Machine Player and Remote Desktop Client;
and identified by Attorney Docket Number_ <u>A226;</u>
and naming inventor(s) as follows:

INVENTOR(S): <u>Yaron HALPERIN, Jad CHAMCHAM, Christian Matthew LEROY,</u> Gerald I. L. CHEONG, Matthew B. ECCLESTON, and Noah WASMER

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

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. 3	Patent App	olication	filed	

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		by	
	Date		Yaron HALPERIN
Executed on _		by.	
	Date	-	Jad CHAMCHAM

2 8.555 X.O. VIII.CO. V	3 .				
Executed on .		4 Y)		by	
	Date		i		Jad CHAMCHAM
Executed on .		*******************		by	
	Date				Christian Matthew LEROY
Executed an				hv	
executed on .	Date	**********		wy	Gerald I. L. CHEONG
Executed on				by	
	Date			•	Matthew B. ECCLESTON
Executed on	9-18-2009			6	
	Date			:	Noah WASMER
		9 % }			

PATENT REEL: 023380 FRAME: 0859

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

Yaron HALPERIN	of	Sunnyvale, CA
Jad CHAMCHAM	of	Mountain View, CA
Christian Matthew LEROY	of	San Francisco, CA
Gerald I. L. CHEONG	of	East Palo Alto, CA
Matthew B. ECCLESTON	of	San Francisco, CA
Noah WASMER	of	Palo Alto, 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
X U.S. Patent Application No.: 12/560,349, filed on September 15, 2009;
X U.S. Provisional Application No.: 61/097.115, filed on September 15, 2008;
International Application No.: PCT/, filed on
and
ENTITLED: Unified Secure Virtual Machine Player and Remote Desktop Client;
THE STANDARD AND THE RESERVE AND A STANDARD

and identified by Attorney Docket Number_A226;

and naming inventor(s) as follows:

INVENTOR(S): Yaron HALPERIN, Jad CHAMCHAM, Christian Matthew LEROY, Gerald I. L. CHEONG, Matthew B. ECCLESTON, and Noah WASMER

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

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	, filed	
Contract to the second	n ultilaringeneral	, 11104	

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	10/13/2009	, by	<u> </u>	
Da	ie.		Yaron HAYPERIN	******
Executed on		, by		
Da	j ∉	· · · · · · · · · · · · · · · · · · ·	Jad CHAMCHAM	

Page 2 of 3

PATENT REEL: 023380 FRAME: 0861

Executed on _		by	
	Date	7.	Christian Matthew LEROY
Executed on _		by:	
	Date		Gerald I. L. CHEONG
Executed on _		by	
	Date		Matthew B. ECCLESTON
Executed on _		by	
	Date		Noah WASMER