502943350 08/20/2014

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| HAIOU JIANG | 07/31/2014 |
| DONG WANG | 07/31/2014 |
| DAVID SNOWDON | 08/01/2014 |
| ADAM GREGORY GROSS | 08/08/2014 |
| JIN YU | 07/31/2014 |
| KUN SHI | 07/31/2014 |

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: | 14464383 |

CORRESPONDENCE DATA

Fax Number:

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.

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: | B909.01 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | ARAM AYRAPETIAN |
| SIGNATURE: | /Aram Ayrapetian/ |
| DATE SIGNED: | 08/20/2014 |
| | |

Total Attachments: 7

PATENT REEL: 033575 FRAME: 0774



PATENT REEL: 033575 FRAME: 0775

<u>ASSIGNMENT</u>

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

| Haiou Jiang | of | Beijing, China |
|--------------------|----|------------------------|
| Dong Wang | of | Beijing, China |
| David Snowdon | of | London, United Kingdom |
| Adam Gregory Gross | of | Los Gatos, CA, USA |
| Jin Yu | of | Beijing, China |
| Kun Shi | of | Beijing, China |

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:

| \underline{X} U.S. Patent Application executed on or about the date of this Assignment, | | | | |
|---|-------------------------------|----------------|--------------|---|
| U.S. Pa | atent Application No.: | , filed on | | _ |
| U.S. Pi | rovisional Application No.: | , filed on | ; | |
| Interna | ational Application No.: PCT/ | , file | ed on | _ |
| and | | | | |
| | | | | |
| ENTITLED: | ACCESSING VIRTUAL DE | SKTOPS VIA IMA | AGE SCANNING | |

and identified by Attorney Docket Number: B909.01

and naming inventor(s) as follows:

INVENTOR(S): Haiou Jiang, Dong Wang, David Snowdon, Adam Gregory Gross, Jin Yu, Kun Shi

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 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.

| Executed on _ | 7/31/2014 | _, by _ | Haiou Jiang Haiou Jiang |
|----------------|-----------|---------|-------------------------|
| | Date | | Haiou Jiang |
| Executed on | | _, by _ | |
| _ | Date | | Dong Wang |
| Executed on | | . hv | |
| | Date | _, ~, _ | David Snowdon |
| Evecuted on | | hv | |
| Executed OII _ | Date | _, Uy _ | Adam Gregory Gross |

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| Executed on _ | | , by _ | |
|---------------|----------------|--------|--------------------|
| | Date | | Haiou Jiang |
| Executed on | July 3/. 2014. | , by _ | Dong Wang. |
| | Date / | | Dong Wang |
| | | | |
| Executed on | Date | , by _ | David Snowdon |
| | | | |
| Executed on | | , by _ | |
| | Date | | Adam Gregory Gross |

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| Executed on | | , by _ | |
|---------------|-----------------|---------|--------------------|
| <u> </u> | Date | - • | Haiou Jiang |
| Executed on | | _, by _ | |
| | Date | | Dong Wang |
| Executed on | 1st August 2014 | _, by _ | Dhow |
| _ | Date | | David Snowdon |
| Executed on | | _, by _ | |
| Encourse on _ | Date | _ | Adam Gregory Gross |

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| Executed on | | by | | |
|---------------|--------|-------|--------------------|--|
| | Date | | Haiou Jiang | |
| Executed on _ | | _, by | | |
| | Date | • | Dong Wang | |
| Executed on | | Ъу | | |
| | Date | •• | David Snowdon | |
| Executed on _ | 8/8/14 | _ by | al 11 | |
| | Date | | Adam Gregory Gross | |

| ASSIGNMENT | | | |
|---------------|----------------|------|---------|
| Executed on _ | July 31, 2014, | by. | Jin Yu |
| | . Date U | | Jin Yu |
| | | | |
| Executed on _ | | by _ | |
| | Date | | Kun Shi |

| ASSIGNMENT | |
|-------------|-------------|
| Executed on | , by |
| . Date | Jin Yu |
| Executed on | by Shi, Kun |

Page 3 of 3