## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7510678

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date
ZHONGZHENG TU	08/01/2022
WEIGANG HUANG	08/11/2022
HUIYONG HUO	07/30/2022
MINGSHENG ZANG	08/11/2022
YUETING ZHANG	08/19/2022

#### **RECEIVING PARTY DATA**

Name:	VMWARE, INC.	
Street Address:	3401 HILLVIEW AVENUE	
Internal Address:	ATTN: JUSTAS GERINGSON	
City:	PALO ALTO	
State/Country: CALIFORNIA		
Postal Code:	ostal Code: 94304	

#### **PROPERTY NUMBERS Total: 2**

Property Type	Number		
Application Number:	17897801		
PCT Number:	CN2022106198		

#### **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.

**Email:** vmware@blackhillsip.com, ipadmin@vmware.com,

docketing@kimandstewart.com, mserna@kimandstewart.com

Correspondent Name: KIM & STEWART LLP Address Line 1: 111 N. MARKET ST.

Address Line 2: SUITE 414

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	1108
NAME OF SUBMITTER:	FREDERICK D. KIM
SIGNATURE:	/Frederick D. Kim/
DATE SIGNED:	08/29/2022

PATENT 507463785 REEL: 060932 FRAME: 0351

# Total Attachments: 10 source=I108 Executed Assignment#page1.tif source=I108 Executed Assignment#page2.tif source=I108 Executed Assignment#page3.tif source=I108 Executed Assignment#page4.tif source=I108 Executed Assignment#page5.tif source=I108 Executed Assignment#page6.tif source=I108 Executed Assignment#page7.tif source=I108 Executed Assignment#page8.tif source=I108 Executed Assignment#page9.tif source=I108 Executed Assignment#page9.tif source=I108 Executed Assignment#page10.tif

PATENT REEL: 060932 FRAME: 0352

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

Zhongzheng TU	of	Beijing, CHINA
Weigang HUANG	of	Beijing, CHINA
Huiyong HUO	of	Beijing, CHINA
Mingsheng ZANG	of	Beijing, CHINA
Yueting ZHANG	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:

$\underline{\mathbf{X}}$	$\underline{X}$ U.S. Patent Application executed on or about the date of this Assignment,		
	U.S. Patent Application No.:, filed on;		
	U.S. Provisional Application No.:, filed on;		
$\underline{\mathbf{X}}$	International Application No.: PCT/CN2022/106198, filed on July 18, 2022;		
and			

# ENTITLED: METHOD TO USE NATIVE SCANNING PROPERTIES DIALOG TO SCAN IN SCANNER REDIRECTION

and identified by Attorney Docket Number: I108

and naming inventor(s) as follows:

INVENTOR(S): Zhongzheng TU, Weigang HUANG, Huiyong HUO, Mingsheng ZANG, Yueting ZHANG

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	August 1, 2022	, by	Zhong Zheng TU
	Date	. , ,	Zhongzheng TU
Executed on _		, by _	
	Date		Weigang HUANG
Executed on _		, by	
	Bate		Huiyong HUO
Executed on		, by .	
	Date		Mingsheng ZANG
Executed on _		, by	
	Date		Yueting ZHANG

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

Zhongzheng TU	of	Beijing, CHINA
Weigang HUANG	of	Beijing, CHINA
Huiyong HUO	of	Beijing, CHINA
Mingsheng ZANG	of	Beijing, CHINA
Yueting ZHANG	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:

$\underline{\mathbf{X}}$	$\underline{\zeta}$ U.S. Patent Application executed on or about the date of this Assignment,		
	U.S. Patent Application No.:, filed on;		
	U.S. Provisional Application No.:, filed on;		
$\underline{\mathbf{X}}$	International Application No.: PCT/CN2022/106198, filed on July 18, 2022;		
and			

# ENTITLED: METHOD TO USE NATIVE SCANNING PROPERTIES DIALOG TO SCAN IN SCANNER REDIRECTION

and identified by Attorney Docket Number: I108

and naming inventor(s) as follows:

INVENTOR(S): Zhongzheng TU, Weigang HUANG, Huiyong HUO, Mingsheng ZANG, Yueting ZHANG

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		, by	
Executed on	Date 8/11/202V	. bv	Zhongzheng TU Wejgrng Huung
Executed on	Dute	. bv	Weigang HUANG
Executed on	Date	, by	Huiyong HUO
Executed on	Date	hv	Mingsheng ZANG
	Date	, ~, .	Yueting ZHANG

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

Zhongzheng TU	of	Beijing, CHINA
Weigang HUANG	of	Beijing, CHINA
Huiyong HUO	of	Beijing, CHINA
Mingsheng ZANG	of	Beijing, CHINA
Yueting ZHANG	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:

$\underline{\mathbf{X}}$	$\underline{\zeta}$ U.S. Patent Application executed on or about the date of this Assignment,		
	U.S. Patent Application No.:, filed on;		
	U.S. Provisional Application No.:, filed on;		
$\underline{\mathbf{X}}$	International Application No.: PCT/CN2022/106198, filed on July 18, 2022;		
and			

# ENTITLED: METHOD TO USE NATIVE SCANNING PROPERTIES DIALOG TO SCAN IN SCANNER REDIRECTION

and identified by Attorney Docket Number: I108

and naming inventor(s) as follows:

INVENTOR(S): Zhongzheng TU, Weigang HUANG, Huiyong HUO, Mingsheng ZANG, Yueting ZHANG

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		, by	
	Date		Zhongzheng TU
Executed on _		, by	en en de la disensa de la Calabria De La Labra de la Calabria de la Calabria de la Calabria de la Calabria de Calabria
Executed on	Date 7/20/2022	, by	Weigang HUANG  HUNPY HUO
-	Date	······································	Huiyong HUO
Executed on		by	
· · · · · · · · · · · · · · · · · · ·	Date		Mingsheng ZANG
Executed on _		, by	
	Date		Yueting ZHANG

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

Zhongzheng TU	of	Beijing, CHINA
Weigang HUANG	of	Beijing, CHINA
Huiyong HUO	of	Beijing, CHINA
Mingsheng ZANG	of	Beijing, CHINA
Yueting ZHANG	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:

$\underline{\mathbf{X}}$	U.S. Patent Application executed on or about the date of this Assignment,		
	U.S. Patent Application No.:, filed on;		
_	U.S. Provisional Application No.:, filed on;		
$\underline{\mathbf{X}}$	International Application No.: PCT/CN2022/106198, filed on July 18, 2022;		
and			

# ENTITLED: METHOD TO USE NATIVE SCANNING PROPERTIES DIALOG TO SCAN IN SCANNER REDIRECTION

and identified by Attorney Docket Number: I108

and naming inventor(s) as follows:

INVENTOR(S): Zhongzheng TU, Weigang HUANG, Huiyong HUO, Mingsheng ZANG, Yueting ZHANG

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		, by	
	Date	•	Zhongzheng TU
Executed on _		, by	
	Date		*Weigang HUANG
		, by	
Executed on	Date 08/11/2022 Date	, by	Huiyong HUO Mingsheng Zang
	Date	,	Mingsheng ZANG
Executed on		, by .	
	Date		Yueting ZHANG

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

Zhongzheng TU	of	Beijing, CHINA
Weigang HUANG	of	Beijing, CHINA
Huiyong HUO	of	Beijing, CHINA
Mingsheng ZANG	of	Beijing, CHINA
Yueting ZHANG	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:

$\underline{\mathbf{X}}$	$\underline{X}$ U.S. Patent Application executed on or about the date of this Assignment,		
	U.S. Patent Application No.:, filed on		
_	U.S. Provisional Application No.:, filed on;		
$\underline{\mathbf{X}}$	International Application No.: PCT/CN2022/106198, filed on July 18, 2022;		
and			

# ENTITLED: METHOD TO USE NATIVE SCANNING PROPERTIES DIALOG TO SCAN IN SCANNER REDIRECTION

and identified by Attorney Docket Number: I108

and naming inventor(s) as follows:

INVENTOR(S): Zhongzheng TU, Weigang HUANG, Huiyong HUO, Mingsheng ZANG, Yueting ZHANG

l 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		by	
	Date		Zhongzheng TU
Executed on		by _	
	Date	·	Weigang HUANG
Executed on		by _	
	Date		Huiyong HUO
Executed on	······································	by _	
	Date / O / OA		Mingspeng ZANG
Executed on	3/19/2000	by _	Justing 26 MANCE
	Date 1/		Yueting AHANG