505015061 07/23/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IAN RAGSDALE	12/02/2016
ADAM CIANFICHI	11/30/2016
NEAL FOSTER	12/05/2016
MARSHALL ANNE BUSBEE	12/02/2016
DAN ZECK	12/01/2016
ROB WORSNOP	12/01/2016
ANTHONY KUEH	12/05/2016
ANDREW EYE	12/02/2016

RECEIVING PARTY DATA

Name:	VMWARE, INC.
Street Address:	3401 HILLVIEW AVE
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 2

Property Type	Number		
Application Number:	15416444		
Application Number:	15369888		

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: D329

NAME OF SUBMITTER: BRANNON MCKAY

PATENT 505015061 REEL: 046425 FRAME: 0204

SIGNATURE:	/ Brannon McKay /	
DATE SIGNED:	07/23/2018	
Total Attachments: 10		
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PATENT REEL: 046425 FRAME: 0205

ASSIGNMENT

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

IAN RAGSDALE
ADAM CIANFICHI
NEAL FOSTER
MARSHALL ANNE BUSBEE
DAN ZECK
ROB WORSNOP
ANTHONY KUEH
ANDREW EYE

hereby sell, assign, transfer and set over to

ASSIGNEE: VMware Inc., a Delaware corporation, having a principal place of business at 3401 Hillview Ave., Palo Alto, CA 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:

X	U.S. Patent Application executed on or about the date of this Assignment,
_	U.S. Patent Application No.:, filed on
<u>X</u>	U.S. Provisional Application No.: <u>62/403,199</u> , filed on <u>October 2, 2016</u>
_	International Application No.: PCT/, filed on
and	

ENTITLED: HERO CARDS THAT DISPLAY CONTEXTUAL INFORMATION AND ACTIONS FOR BACKEND SYSTEMS

and identified by Attorney Docket Number: D329

and naming inventor(s) as follows:

INVENTOR(S): Ian Ragsdale, Adam Cianfichi, Neal Foster, Marshall Anne Busbee, Dan Zeck, Rob Worsnop, Anthony Kueh, Andrew Eye

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.

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.

Page 2 of 4

Executed on _	12/2/2016 Date	, by _	IAN RAGSDALLE
			ADAM CIANFICHI
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Executed on _	Date	, by _	ANTHONY KUEH

Executed on		, by	
_	Date		IAN RAGSDALE
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Page 1 of 4

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	Date	5 - 7	IAN RAGSDALE
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Page 3 of 4

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-	Date	_, - ,	IAN RAGSDALE
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Executed on _	Date	_, by	ANTHONY KUEH

ASSIGNMENT

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•	Date	.s ~ J	IAN RAGSDALE
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Executed on _	Date	, by	TONY KUEH

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Committee of the		. Bv	
Ellithe langa mar """	Dec	e e e e e e e e e e e e e e e e e e e	IAN RAGSDALE
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Executed on _	Dute	"by "	MARSHALL ANNE BUSBEE
			DAN ZECK
			ROB WORSNOP
Executed on		by	ANTHONY KUEH

Page 3 of 4

Executed on	12/2/2016	, by	and		Su	_
_	Date		ANDREW EYE	<u> </u>		