## 506438778 01/07/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6485546

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
PEIXIAO LIN	03/05/2020
AMIT CHOPRA	02/20/2020
DANIEL G. WING	02/18/2020
VIJAY GANTI	08/28/2020
CHRISTOPHER CORDE	02/24/2020
AMIT PATIL	10/29/2020

## **RECEIVING PARTY DATA**

Name:	NICIRA, INC.
Street Address:	3401 HILLVIEW AVENUE
Internal Address:	ATTN: DAVID A. PLETTNER
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16112648

## **CORRESPONDENCE DATA**

**Fax Number:** (650)427-4818

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:** 650-427-1063

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

patents@wagnerblecher.com

Correspondent Name: NICIRA, INC.

Address Line 1: DAVID A. PLETTNER Address Line 2: 3401 HILLVIEW AVE.

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	N687.01
NAME OF SUBMITTER:	ILENE L. FISH
SIGNATURE:	/llene L. Fish/

PATENT 506438778 REEL: 054850 FRAME: 0233

DATE SIGNED:	01/07/2021
Total Attachments: 7	
source=N687_01_20210107_ASG#pag	e1.tif
source=N687_01_20210107_ASG#pag	e2.tif
source=N687_01_20210107_ASG#pag	e3.tif
source=N687_01_20210107_ASG#pag	e4.tif
source=N687_01_20210107_ASG#pag	e5.tif
source=N687_01_20210107_ASG#pag	e6.tif
source=N687_01_20210107_ASG#pag	e7.tif

PATENT REEL: 054850 FRAME: 0234

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

Peixiao LIN	of	Santa Clara, CA
Amit CHOPRA	of	Sunnyvale, CA
Daniel G. WING	of	Los Altes, CA
Vijay GANTI	of	Cupertino, CA
Christopher CORDE	of	Burlingame, CA
Amit PATIL	of	Pune, India

hereby sell, assign, transfer and set over to

ASSIGNEE: NICIRA, 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/our 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 Applic	cation executed on or about the date of this Assignment,	
x U.S. Patent Applic	ation No.: <u>16/112.648</u> , filed on <u>08/25/2018</u>	
U.S. Provisional A	Application No.:, filed on;	
International Appl	lication No.: PCT/, filed on	<u>*</u>
and		
ENTITLED: SECURIT	TY SYSTEM FOR MANAGED COMPUTER SYSTEM	
and identified by Attorne	ey Docket Number: N687.01	
and naming inventor(s) a	s follows:	
INVENTOR(S): Pe	eixiao LIN, Amit CHOPRA, Daniel G, WING, Vijay GANTI,	
en t	The state of the s	

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.

Executed on	03 - 0	5-202	0	_, <sub>by</sub> <	<u> </u>		 96 9 96
	Date	88888		Peix	iao LIN		
Executed on				., by		** ************************************	
	Date			Ami	t CHOPR	A	
Executed on	980 <sup>1</sup> 7 536-1466-1466-1466-1466-1466-1466-1466-14		n İşese	, by		ğ	
	Date			Dani	el G. Wil	NG	

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.

Executed on _		, by	S-000000000000000000000000000000000000	
	Date		Peixiao LIN	
Executed on _	02/30/2020 Date	, by	Amii CHOPRX	
Executed on _	Date	, by	Daniel G. WING	

Page 2 of 3

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 ASSIGNLE 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	Peixiao LIN
Executed on		<b></b>
	Date	hy
Executed on	2/18/2020	m ) Jell 1. We
	Date	Daniel G. WING

		and the		11011	Hill	illilli.			$m_{ij}$		20000				****		****	****	****	****	****		*****	****		*****														
		400	en i		400	10.00	93330	****	33333	33333	33333	33333	88888	3333	888		****	8880	****		•••••	****		•••••									•••••				****			
		m	m		31111	ann	mm			******	******		mm	****	***		9330		****	***	****	****	****	*****	****		*****	*****	****		*****	****						****		
3333	8333	222		2222	222	9000	333333	33333	33333	9999	33333	93333	3333	3333	3333	****		****	3333	****	****		****	•	••••			• • • • • • • • • • • • • • • • • • • •			•••••						*****			
œ	m	ann	mm	m	mm	mm			m			,,,,,,,,,,,,		2000		3333	w.	333X	8889	****	***		*****	****	****	*****	*****	*****			*****		****	****			*****		****	*****
3333	22.00	9999	33333		9999	33333		33333	33333	33333	33333	33333	33333	33333	3333	333.0	****	9899	2000	****	****	*****						****					****	****						
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	mm	m	ama			mm	m			m		m		*****		33333	****	****	***		33333	****	*****	****							*****			****		****	****	19933	
3333		$m_{ij}$		33333									2000	3333	8888	33333	988	8888	3333	88888	8888	9990		****	8888				S				*****							
2000	$m_{ij}$				enne.							33333		2000			888	***	****		9888	*****	****	****		*****			×	11111								*****		
11111	11111	111111	$m_{ij}$		$m_{H}$		mm				m		HHI.		m	2000	9339	****		****	****	****	*****	*****	*****	*****			*****			::///::	*****	*****					****	
		m	ann					111111	111111		Mill.			$m_{ij}$	$m_{i}$	2000	***	****	WW	***	****	:::::N			****		88888	N		****	111111		*****	*****						
	11111	m	HH					111111			$m_{ij}$		$m_{ij}$	2222	$m_{i}$	222			$\infty$	***	$\sim\sim$		3300	*****		*****	******				*****						*****			*****
we.	11/10		MINN.	ann	9000			anni	etterio (	mm	$\omega \omega v$	99999	,,,,,,,,,	m			m	w	****	w	mm	77777				ww		····X	m	8000			****	*****		*****	******	****		******
22.22	2222			11111	999		,,,,,,,,	,,,,,,,	mm	,,,,,,,	,,,,,,,	.,,,,,			,,,,,,	2000			,,,,,,	,,,,,	3333	200		*****	,,,,,,	,,,,,,		333.2					,,,,,,			,,,,,,,,			,,,,,,	
2000	33333	=		99999				mm	33333		20000		2000		2000	2000	9333	****	8889		****	****	****	****				100		*****	*****	*****	*****	*****	****	******	*****	*****	****	*****
		2222	2000			$m_{m}$				$m_{M}$	20000			m		2000			w			*****	****	****		3333	N::N	111											****	
9999	0000	333333	333333	*****		*****	mm			******	******	333333	,,,,,,,,	33333	****	2222	22223	****	8888		****	*****	****	****			×:::::	XXXX	*****	*****	*****		****	*****	****	*****	******		****	*****
	2000		$m_{ij}$		9999					$m_{i}$					m	300	****	****	****	****		****	****	*****	*****	*****		*****												
2222	33333	*****	99999	33333	*****	99999	*******	*****	,,,,,,,,,		*****	*****	****	888	****	****	999	****	***	****	***		****	****	*****	*****		*****	****		*****	*****	****	*****	****		*****	*****		*****
		2000	999						$m_{ij}$		20000		2000	2200			****				****		*****					*****												
2000	9993	333333	333333			*****	99999	233333	22222	******	33333	33333	33333	33333	œ	3333	****	3333	œ	***	****	*****	****	****	****	****	:X::::	***	****	*****	*****		****				*****			*****
		99933	20000							33333			33333	****	0000					****			****			• • • • • • • • • • • • • • • • • • • •	· · · · ·	*****	•••											
2222	33333	*****	.00000	33333	2000	99999	******	*****	333333	*****	*****	*****	****	***	****	***	****	***	***	***	****	****	***	****	****	***	****	*****	****		*****	****	*****	*****	****		*****			*****
3333	8888	3333	33333	****	33333			33333	33333		33333		***		•••••	3333								•	••••			••••						•••••			• • • • • • • • • • • • • • • • • • • •			•••••
um	m	33333	333333		*****		$\cdots$	******	99999	******	933333	33333	,,,,,,,,,,,	33330	w	2000	****	***	***	****	****		****	****	****	****	*****	****	*****				***	****			*****		****	*****
	11/11/	m,	11111	100	dille		33333	****	****	33333	88888	33333	88888	8838	8333	****	33399	••••	****	888							*****	****	*****				•••••							
	m	Mille.	m	ann			*******	******		*****		****	m	m	****		****		*****	×			***				iiiiiii													
3333	8888	3333	3333	33333	33333		.,,,,,,,,		33333		*****	3333	****		****	3339		***	3333	****	****				•••••	20000			****					•••••						
m		33333	333333	****	*****	20000	w	WW	33333	****	93333	33333			****	3333	***	***	***	****	***	*****	*****	***				iiiiii	1111.5		2.12.3		****	****		****	*****		****	*****
3333	3333	88888	33333		9999	33333		16.00	33333	33333	9999	33333	33333	****	****		****	****	****	****	****	****		****				111111	N. N.				****	*****						
		m		****			*******	******		*****	****	****	8888	****	***	8888	33333	****	8888	***		33334	***	****	****	8888		****	******		*****	*****			****		****	****	10000	
	8888	2000		00000		88888	888888	888888	88888										888					****	88888			****					*****				*****			
33322			200000		2000			*****	*****	****	99999		****	***	****	3333	****	****	****	****	****		*****	****	****	33333	******	****			*****		****	*****			******			20000
		88888	333333	****	2333		888 XX	8888	33333	33330	*****	333333	33.33	8888		999	***	9999	3333		9999		****	****		****	888888			*****			****	****						
		m	m	,,,,,,,,,		,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		,,,,,,,,	30000	2000	,,,,,,,,	m	$\cdots$	***		3333	****	***	***	*****	2000	::::::::::::::::::::::::::::::::::::::	*****	*****	****	*****	*****	*****	****		*****	*****	******	****	*****			8888	
	8888		8888	88888		33333	******		****	****	33333	8888		***			::::::::::::::::::::::::::::::::::::::	***	8888	***		9990	***		8888		888 X	****	33333			30000								
3333		m				****	*****	*****	*****	*****	******			****	****	****	****	****	****	****	****	*****	*****	****	****	*****	******	****			*****			*****			******			******
3333			88888					88888	33333		88888	88888		8888				***	3333	****	9999		****	****		****	888888	****	8888				****							
	1111			11111	$m_{i}$		******	· · · · · · · · · · · · · · · · · · ·		2000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		3333	****	****		$m_0$	****	***	****	*****		****	*****	*****	*****	*****	*****	*****			*****	****	*****						
	iiiiii	SHG	1997	33.80	1000	88888			88888	9999				****	888	888	9888	8888	8888	888	*****	::::::X	. X.	****	88888	88888	999 W	99999	33333		9999		****							
888	8888	333	33.X3	3333	2232	SSSS	****	****	****	****	****	ww	4444	****	8888		****	****	3333	3333		S 1000		****	38888		*****	*****	*****	· · · · · · · · · · · · · · · · · · ·	www	****	****			****	*****	****	,,,,,	*****
w	w				×××	****	www.		*****	****	*****	~~	***	***	***	*****	***	***	****	***	***	*****	****	***	••••	*****			••••				***	****	***	****		****		*****
3333	W.	88888	333333	88888	2880			with the						***			****				***			***	ાજ	3888		13.13	8233				***	****		*****				

Executed on	Date	by	Vijay GANTI
Executed on _	2/24//2020 Date	by	Christopher CORDE
Executed on _	Date	by	Amit PATIL

Executed on	, by	
Date	Vijay GANTI	
Executed on	, by	
Date	Christopher CORDE	
Executed on 29th Oct 202	), by	
Date	Amit PATIL	