PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AKSHAY KUMAR SREERAMOJU	08/03/2016
CORENTIN DERBOIS	09/02/2016
MADHUSUDHAN RAVI	08/08/2016
GOPAKUMAR PILLAI	08/22/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15256520

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: 303-942-4655

Email: ipadmin@vmware.com

Correspondent Name: NICIRA, INC.

Address Line 1: 3401 HILLVIEW AVENUE,
Address Line 2: ATTN: LEONARD HEYMAN
Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	N210
NAME OF SUBMITTER:	PRAKASH NAMA
SIGNATURE:	/Prakash Nama/
DATE SIGNED:	09/03/2016

Total Attachments: 5

PATENT REEL: 039626 FRAME: 0622

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PATENT REEL: 039626 FRAME: 0623

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, ASSIGNORS named below,

ì	AKSHAY KUMAR SREERAMOJU of Hyderabad, India	
-	CORENTIN DERBOIS of Palo Alto, California	
į	MADHUSUDHAN RAVI of Palo Alto, California	
1	GOPAKUMAR PILLAI of Palo Alto, California	

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, CA 94304, United States of

America (NICIRA), its successors, assigns and legal representatives,

our entire right, title and interest throughout the world, including all rights to claim priority, in and to the invention disclosed in:

X	_U.S. Patent Application executed on or	about the date of this Assignm	eni,
****	U.S. Patent Application No.:	, filed on	
	U.S. Provisional Application No.:	; filed on;	
	International Application No.: PCT/	, filed on	
and			

ENTITLED: "ON-DEMAND CONNECTION PING"

and identified by Attorney Docket Number: N210

and naming inventors as follows:

INVENTORS: AKSHAY KUMAR SREERAMOJU, CORENTIN DERBOIS, MADHUSUDHAN RAVI and GOPAKUMAR PILLAI

including without limitation, our 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, 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, 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 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 in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

We authorize ASSIGNEE to apply for patents of foreign countries for said invention; to claim all rights of priority without further authorization from us, which priority rights include

ASSIGNMENT

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.

We 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, 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 in all countries. In particular, we 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 us and all documents and other materials and objects pertaining to the invention that are in the possession of or accessible to us; and further, at any trial, hearing, deposition or other legal proceeding where we are called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or pomined, we agree to testify to all facts pertaining to the invention for which we are competent to testify.

We hereby covenant that we 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.

We 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 to ASSIGNEE, its successors or assigns

Executed on 153/05/20/8	
Date	- AKSHAY KUMAR SRIJERAMOJU
Executed on	, by

ASSIGNMENT

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.

We 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, 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 in all countries. In particular, we 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 us and all documents and other materials and objects pertaining to the invention that are in the possession of or accessible to us; and further, at any trial, hearing, deposition or other legal proceeding where we are called as a witness by ASSIGNEE, its successors, assigns, legal representatives, or nominee, we agree to testify to all facts pertaining to the invention for which we are competent to testify.

We hereby covenant that we 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.

We 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 to ASSIGNEE, its successors or assigns.

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	Date	80008 ° A = 0	AKSHAY KUMAR SREERAMOJU
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Executed on	Date	۳۰ pλ "	CORENTIN DERBOIS

ASSIGNMENT	as was
Executed on T T 2016 Date	
Executed on	, by

ASSIGNMENT	
Executed on	
Date	MADHUSUDHAN RAVI
8	
Executed on \underline{Aug} 22, 20	16 by
Date	14 1 110 0 44813 6000

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PATENT REEL: 039626 FRAME: 0628