PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6671410

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN BICKET	06/12/2018
JAMES MICHAEL ROWSON	06/12/2018
CHASE PHILLIPS	06/12/2018

RECEIVING PARTY DATA

Name:	SAMSARA NETWORKS INC.
Street Address:	444 DE HARO STREET
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94107

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17237791

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: 4086750441

Email: harleen@ndwe.com

Correspondent Name: NICHOLSON DE VOS WEBSTER & ELLIOTT LLP

Address Line 1: 99 ALMADEN BOULEVARD, SUITE 710

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	1001P003FCDC2
NAME OF SUBMITTER:	MERIEM DEBBIH
SIGNATURE:	/Meriem Debbih; Reg. No. 73,922/
DATE SIGNED:	04/22/2021

Total Attachments: 3

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PATENT 506624601 REEL: 056010 FRAME: 0411

NUNC PRO TUNC ASSIGNMENT

This Nunc Pro Tunc Assignment is effective **December 1, 2015** by and between the below-identified Assignor and Assignee.

This Assignment is made by the undersigned (hereinafter referred to as "Assignor(s)") in favor and for the benefit of, **Samsara Networks Inc.**, a **corporation** of **Delaware**, having its principal place of business at **444 De Haro Street**, **San Francisco**, **CA 94107** (hereinafter referred to as "Assignee").

For good, sufficient and adequate consideration, the receipt of which is hereby acknowledged, the Assignor(s) hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to any and all inventions and improvements that are disclosed in the following application(s) (provisional or non-provisional) and in and to said application(s) (provisional or non-provisional) in all countries and pursuant to all multilateral treaty organizations including the United States of America, the Patent Cooperation Treaty and European Patent Convention, that may be granted therefor and thereon, and in and to any and all divisional applications, continuation applications, conversions, national phase applications, reissue applications, substitute applications, renewal applications, design applications, utility models of said application(s), and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements:

AUTHENTICATION OF A GATEWAY DEVICE IN A SENSOR NETWORK

including, but not limited to, the following application(s):

Country	Application No.	Filing Date
US	14/960,866	December 7, 2015
US	15/243,676	August 22, 2016
US	16/108,027	August 21, 2018
US	16/503,372	July 3, 2019
US	17/237,791	April 22, 2021

Assignor(s) hereby authorize and request Assignee's Attorneys to insert the serial number and filing date of said application(s) when known.

The assignment of the above mentioned rights includes a transfer of the whole right to use a priority (including priority according to any convention, multilateral agreement, bilateral agreement and national law) of the above mentioned application(s) in all countries and multilateral treaty organizations wherein no residual rights shall remain with the Assignor(s). Assignee alone hereinafter has the entire disposal of the inventions and possesses entire ownership to any patents (domestic and/or foreign, including utility models) granted thereinafter. The rights granted hereunder shall include all rights to institute legal actions, obtain remedies and recover and retain damages in respect to said patents.

The Assignor(s) hereby agree that said Assignee may apply for and receive patent(s) (domestic and/or foreign, including utility models) for said inventions or improvements in its own

PATENT REEL: 056010 FRAME: 0412

NUNC PRO TUNC ASSIGNMENT

name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, Assignor(s) shall sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of said patent(s) for said inventions and improvements.

Each of the Assignor(s) hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the Assignor(s), and that full right to convey the same as herein expressed is possessed by the Assignor(s).

Each Inventor - Please sign and date below:

Signature:	Julio	6/12/01/8
Print Name:	// JOHN BICKET	Date signed
Signature:	Jame M Lorum	6/12/2018
Print Name:	√ JAMES MICHAEL ROWSON	Date signed
Signature:		
Print Name:	CHASE PHILLIPS	Date signed

NUNC PRO TUNC ASSIGNMENT

name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, Assignor(s) shall sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of said patent(s) for said inventions and improvements.

Each of the Assignor(s) hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the Assignor(s), and that full right to convey the same as herein expressed is possessed by the Assignor(s).

Each Inventor - Please sign and date below:

Signature:		
Print Name:	JOHN BICKET	Date signed
Signature:		
Print Name:	JAMES MICHAEL ROWSON	Date signed
Signature:	Chase Phillips (These Phillips (Inc. 12, 28, 18)	Jun 12, 2018
Print Name:	CHASE PHILLIPS	Date signed

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RECORDED: 04/22/2021

PATENT REEL: 056010 FRAME: 0414