506693173 06/02/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUDEEP PASRICHA	10/06/2020
SAIDEEP TIKU	10/07/2020

RECEIVING PARTY DATA

Name:	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	
Street Address:	2537 RESEARCH BLVD	
Internal Address:	SUITE 200	
City:	FORT COLLINS	
State/Country:	COLORADO	
Postal Code:	80526	

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	17026123
Application Number:	62902779

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4046457700

Email: KBEAULIEU@MCCIPLAW.COM MEUNIER CARLIN & CURFMAN LLC **Correspondent Name:**

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Address Line 2: **SUITE 1300**

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ATTORNEY DOCKET NUMBER:	10975-013US1	
NAME OF SUBMITTER:	KIM BEAULIEU	
SIGNATURE:	/Kim Beaulieu/	
DATE SIGNED:	06/02/2021	

Total Attachments: 3

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> **PATENT REEL: 056410 FRAME: 0230** 506693173

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PATENT REEL: 056410 FRAME: 0231

Attorney Docket No. 10975-013US1

ASSIGNMENT

For valuable consideration, we, Sudeep Pasricha of Fort Collins, CO; and Saideep Tiku of Fort Collins, CO, hereby assign to Colorado State University Research Foundation, a corporation of Colorado, having a place of business at 2537 Research Blvd, Suite 200, Fort Collins, CO 80526, and its successors and assigns (collectively hereinafter "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements that are subject of applications for United States Patent,

U.S. Patent Application No. 17/026,123, entitled "SECURITY-ENHANCED DEEP LEARNING FINGERPRINT-BASED INDOOR LOCALIZATION," filed September 18, 2020, and

U.S. Provisional Patent Application No. 62/902,779, entitled "OVERCOMING SECURITY VULNERABILITIES IN DEEP LEARNING BASED INDOOR LOCALIZATION FRAMEWORKS ON MOBILE DEVICES," filed September 19, 2019,

this assignment including said applications, any and all divisional, continuing, substitute, renewal, reissue and all other applications for patent that have been or shall be filed in the United States and all foreign countries on any such inventions or improvements; all original and reissued patents that have been or shall be issued in the United States and all foreign countries on such inventions or improvements; and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Assignment Page 1 of 3

Date: 10/6/2820	Sudeep Pasticha
WITNESSED BY: Signature of Witness	Signature of Witness 4
Name of Witness	Sarah 15d/4 ord/ Name of Witness
Oct. 6,2020	1016/20 Date

Assistant Paul 2 of 4

Attorney Docket No. 10975-013US1

Date:	_ Sartion
	Saideep Tiku
WITNESSED BY:	
Parm/ Jame	Déhichamor-
Signature of Witness	Signature of Wilness
Daniel Danve	Vipin Kumar Kukkala
Name of Witness	Nante of Witness
10/7/20	10) 4 2020
Date	Date /

PATENT REEL: 056410 FRAME: 0234

RECORDED: 06/02/2021