507219014 04/06/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DARMINDRA D. ARUMUGAM	11/04/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17700116

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DATE SIGNED:	04/06/2022	

Total Attachments: 2

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PATENT 507219014 REEL: 059519 FRAME: 0466

Attorney Docket No: P2538-US

<u>ASSIGNMENT</u>

I, Darmindra D. ARUMUGAM, with a mailing address at c/o California Institute of Technology, 1200 E. California Blvd., M/C 6-32, Pasadena, CA 91125,

hereby sell and assign for good and valuable consideration, the receipt of which I hereby acknowledge,

to CALIFORNIA INSTITUTE OF TECHNOLOGY, an entity having its principal place of business in the United States of America at 1200 E. California Blvd., M/C 6-32, Pasadena, CA 91125,

hereinafter referred to as the assignee, its successors, assigns and nominees, my entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the "METHODS AND SYSTEMS FOR POSITION AND ORIENTATION SENSING IN NON-LINE-OF-SIGHT ENVIRONMENTS USING COMBINED DECOUPLED QUASISTATIC MAGNETIC AND ELECTRIC FIELDS"

invented by me, as described and/or claimed in U.S. Provisional Applications 62/967,118 filed on January 29, 2020, 62/931,141 filed on November 5, 2019, in the corresponding U.S. Patent Application No. 17/087,546, filed on November 2, 2020, and in any related patent applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, reissues, continuations, continuations-in-part and extensions of said U.S. Provisional Patent Application, of said U.S. Patent Application, and any and all International patent applications related to said U.S. Provisional Applications Nos. 62/967,118 and 62/931,141 and/or U.S. Patent Application No. 17/087,546, and authorize and request any officials whose duty it is to issue patents, to issue any patent on said "METHODS AND SYSTEMS FOR POSITION AND ORIENTATION SENSING IN NON-LINE-OF-SIGHT ENVIRONMENTS USING COMBINED DECOUPLED QUASISTATIC MAGNETIC AND ELECTRIC FIELDS" and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal

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proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at	Pasadena,	USA
On 11/04/2020	City	Country
Date	Inventor Name: _	Darmindra D. ARUMUGAM
	Inventor Signatui	E Jaminde Ammyon
Witnessed by:		
Witness Name:	Signature	
Witness Name:	Signature	

PATENT REEL: 059519 FRAME: 0468