## 504696394 12/20/2017

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
SWARUN SURESH KUMAR	12/07/2017
STEPHANIE GIL	12/07/2017
DINA KATABI	12/18/2017
DANIELA RUS	10/19/2017

## **RECEIVING PARTY DATA**

Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

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

Property Type	Number
Application Number:	14689474

### **CORRESPONDENCE DATA**

**Fax Number:** (617)500-2499

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:** 617-500-2518

**Email:** guarino@orpatent.com

Correspondent Name: OCCHIUTI & ROHLICEK LLP

Address Line 1: 321 SUMMER STREET

Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	70009-D41001
NAME OF SUBMITTER:	FAY E. GUARINO
SIGNATURE:	/ Fay E. Guarino /
DATE SIGNED:	12/20/2017

#### **Total Attachments: 4**

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PATENT REEL: 044444 FRAME: 0548

JOINT ASSIGNMENT Attorney Docket No.: 70009-D41001

#### **ASSIGNMENT**

For valuable consideration, we, Swarun Suresh Kumar of 550 Memorial Drive, 21E1. Cambridge, MA 02139, Stephanie Gil of 3 Burning Brust Court, Pomona, NY 10970, Dina Katabi of 32 Vassar Street, Room 32-G936, Cambridge MA 02139, Daniela Rus of 15 Columbine Road, Weston, MA 02493, hereby assign to Massachusetts Institute of Technology, a corporation of Massachusetts, having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled INDOOR LOCALIZATION OF A MULTI-ANTENNA RECEIVER, filed 4/17/2015, and assigned U.S. Serial Number 14/689,474, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any 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 application 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.

Date: 12/07/2017	C. Guen C
	Swarun Suresh Kumar
STATE OF	)
COUNTY OF	) SS. _)
On	, before me, the undersigned, a notary public for
the State of	there personally appeared Swarun Suresh
	ved to me on the basis of satisfactory evidence) to be the
person whose name is subscribed to th	is Assignment, who acknowledged having executed the
	at by his signature on this Assignment, the person or the
entity upon behalf of which he acted, ex	xecuted this Assignment.
WITNESS my hand and official	l seal.
	Notary Public

Date: 12/7/2017	the s
STATE OF <u>Massachusetts</u> )	Stephanie Gil
COUNTY OF USA ) SS.	
personally known to me (or proved to me on the	
William State of the State of t	
	Notary Public
Date:	Dina Katabi
STATE OF) ) SS. COUNTY OF)	
known to me (or proved to me on the basis of s name is subscribed to this Assignment, who ac	knowledged having executed the same in his n this Assignment, the person or the entity upon
WITNESS my hand and official seal.	
	Notary Public

JOINT ASSIGNMENT Attorney Docket No.: 70009-D41001

Date:	
STATE OF) ) SS.	
COUNTY OF)	
On, before me, the undersigned, a notary publithe State of, there personally appeared <b>Stephanie Gil</b> personally known to me (or proved to me on the basis of satisfactory evidence) to be the personance is subscribed to this Assignment, who acknowledged having executed the same his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.	son e in
WITNESS my hand and official seal.	
Notary Public	
Date: Jecomber 18, 2017  STATE OF Missachusets  COUNTY OF Middlesex  SS.	<del>-</del>
On	ionally B S
DEBORAH A. GOODWIN Notary Public COMMONWEALTHOF MASSACHUSETIS My Commission Expires May 20, 2022	

JOINT ASSIGNMENT Attorney Docket No.: 70009-D41001

Muray M Amith Notary Public M Amith

Date: 10-19-2017	Daniels Mr
	Daniela Rus
STATE OF <u>Massachusetts</u> )	
state of <u>Massachusetts</u> ) ss.	
personally known to me (or proved to me on the whose name is subscribed to this Assignment, his authorized capacity and that by his signature	
upon behalf of which he acted, executed this As	signment.
MITNESS my hand and official seal	

WITNESS my hand and official seal.



LAURALYN M. SMITH Notary Public
Commonwealth of Massachusetts
My Commission Expires
July 20, 2023

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**RECORDED: 12/20/2017** 

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