#### 504308470 04/05/2017

# PATENT ASSIGNMENT COVER SHEET

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**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
ACHUTA KADAMBI	06/06/2016
RAMESH RASKAR	03/14/2016
ADAM PAN	03/25/2016

#### **RECEIVING PARTY DATA**

Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Ave.
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139

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

Property Type	Number
Application Number:	15517122

#### CORRESPONDENCE DATA

Fax Number: (847)433-8117

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: 224-436-9787

Email: stephen.otis@gmail.com OTIS PATENT LAW **Correspondent Name:** Address Line 1: 1181 WADE STREET

Address Line 4: HIGHLAND PARK, ILLINOIS 60035

ATTORNEY DOCKET NUMBER:	MIT_17473JTE371
NAME OF SUBMITTER:	STEPHEN OTIS REG # 64226
SIGNATURE:	/STEPHEN OTIS REG # 64226/
DATE SIGNED:	04/05/2017

### **Total Attachments: 5**

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> **PATENT REEL: 041866 FRAME: 0289** 504308470

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PATENT REEL: 041866 FRAME: 0290

#### ASSIGNMENT OF PATENT APPLICATION

For good and valuable consideration, receipt of which is hereby expressly acknowledged, we, the undersigned inventors (each) have agreed and hereby agree to assign, sell and transfer and do hereby assign, sell and transfer unto

## **Massachusetts Institute of Technology**

a corporation organized under the laws of the state of Massachusetts as Assignee, and its successors, assigns and legal representatives:

- (a) our entire right, title and interest, for all countries, in and to all inventions and improvements relating to <u>Methods and Apparatus for X-Ray Imaging from Temporal Measurements</u> including all inventions and improvements described in an international patent application filed on <u>October 29, 2015</u>, as International Application Number <u>PCT/US15/58169</u> (the "Priority Application"),
- (b) our entire right, title and interest, for all countries, in and to any and all patent applications for any of the foregoing inventions (including the Priority Application, any patent applications that claim priority to, or claim the benefit of the filing date of, the Priority Application, including PCT applications, applications in any PCT contracting state, national stage applications, regional stage applications, nonprovisional applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexamination applications, extensions and all other patent applications that have been or shall be filed on any of the foregoing inventions, including without limitation patent applications filed under U.S. law, the Patent Cooperation Treaty, Eurasian Patent Convention, European Patent Convention, the Protocol on Patents and Industrial Designs within the framework of the African Regional Intellectual Property Organization, the Agreement establishing the African Intellectual Property Organization, or any other international, regional or national patent treaty, protocol or statute), and all the rights, title, interest and privileges under any and all patents that may be granted therefor in any country or in any region or by any Patent Office or other authority, and any reissues, or reexaminations, or extensions of said patents; and
- (c) our entire right, for all countries, to claim priority to, or claim the benefit of the filing date of, the Priority Application.

As used herein, the term "invention" includes improvements. As used herein, "including" means including without limitation. As used herein, "we" means the undersigned inventors.

We request that any and all patents for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

PATENT REEL: 041866 FRAME: 0291 We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose, including in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Schuta	June 6, 2016
Achuta Kadambi	DATE
Ramesh Raskar	DATE
Adam Pan	– DATE

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

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IN WITNESS WHEREOF, we have hereunto signed our names on the day and year set forth below.

Achuta Kadambi DATE 3/14/2016 DATE Ramesh Raskar DATE

Adam Pan

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

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Achuta Kadambi	DATE	
Ramesh Raskar	DATE	
Adam Pan	3/25/2016 ————————————————————————————————————	

ASSIGNEE:		
MASSACHUSETT	'S INSTITUTE OF TECHNOLOGY	
Bys (Signature)	dillo	Date: 2/29/16
Name:	Michele Ryan Harry Manager of Patent Administration	
Title:	Massachusetts Institute of Technology  Technology Licensing Office	*