### 503578152 11/19/2015

EPAS ID: PAT3624780

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date	
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DR. KARUN VIJAYRAGHAVAN	11/17/2015	
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Property Type	Number
Application Number:	14919383

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DATE SIGNED:	11/19/2015

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

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PATENT 503578152 REEL: 037094 FRAME: 0352

## Assignment

For good and valuable consideration, receipt of which is hereby acknowledged, I/we

Mikhail A. Beikin of Austin, TX, US
Karun Vijayraghavan of Austin, TX, US
Seungyong Jung of Austin, TX, US

hereby sell, assign, and transfer to <u>Board of Regents</u>. The <u>University of Texas System</u>, having a place of business at <u>201 W. 7th Street</u>, <u>Austin, Texas 78701</u>, its successors, assigns, and nominees (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the invention and improvements that are subject of an application for United States Patent entitled

# Generating Terahertz Frequency Combs from Quantum Cascade Lasers using Nonlinear Frequency Mixing

which has a filing date of <u>21-OCT-2015</u> (Application No. <u>14919383</u>) and all patent applications, patents, utility models, design registrations, and like rights of exclusion and inventors' certificates of every country for any of said invention and improvements, including divisions, reissues, continuations, and extensions thereof, and all rights to claim priority resulting from the filing of said applications. I/We authorize the Assignee to apply in foreign countries for patents, utility models, design registrations, and like rights of exclusion and inventors' certificates of every country for any of said invention and improvements, and to claim all rights of priority without further authorization from me/us. I/We agree, for ourselves and for our respective heirs, legal representatives, and assigns, to execute all papers useful in connection with such further applications, and generally to do everything possible to aid the Assignee, at their request and expense, in obtaining and enforcing patents for said invention and improvements in all countries. I/We request that the United States Patent and Trademark Office issue all patents granted for said invention to the Assignee. If applicable, I/we further authorize and request the attorneys appointed as representatives in this application to hereafter complete this assignment by inserting above the filing date and application number of this application, when known.

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Mikhail A. Be	lkin				
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Date					
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COUNTY OF	Travis	}			
Mikhail A. Be in person and voluntary act	lkin, whose nam I acknowledged and deed for th	e is subscribed to that they signed, e uses and purpo	o the foregoing in sealed and delive uses therein set fo	aforesaid does herel strument, appeared red the instrument rth.	before me this day as their free and
Given under i	my hand and no	tarial seal this	day of	( \	<u> </u>
My commissi	on expires:	Novem	ber 30,301	<u> </u>	
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Notary Public	Signature		######################################	Notary without Bond	Managhar, nji

Karun Vijayraghavan
11/17/2015
Date
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COUNTY OF Trans)
The undersigned Notary Public in and for the County and State aforesaid does hereby certify that Karun Vijayraghavan, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.
Given under my hand and notarial seal this
My commission expires: 6/20/20/6
Notary Public Signature  A Commission Expires June 20, 2016

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