505997141 04/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6043851

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAJIT MANOHAR	01/05/2015
BENJAMIN TANG	12/06/2014
STEPHEN LONGFIELD	12/11/2014
SUNIL A BHAVE	12/07/2014

RECEIVING PARTY DATA

Name:	CORNELL UNIVERSITY
Street Address:	395 PINE TREE ROAD, SUITE 310
City:	ITHACA
State/Country:	NEW YORK
Postal Code:	14850

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16190001

CORRESPONDENCE DATA

Fax Number:

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.

Email: patentprocurement@perkinscoie.com

Correspondent Name: BING AI
Address Line 1: PO BOX 1247

Address Line 4: SEATTLE, WASHINGTON 98111-1247

ATTORNEY DOCKET NUMBER:	078554-8059.US02
NAME OF SUBMITTER:	ANITA CHOU
SIGNATURE:	/AnitaChou/
DATE SIGNED:	04/02/2020

Total Attachments: 6

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PATENT REEL: 052295 FRAME: 0939

5548-03-US Docket No.: 078554-8059 US01

ASSIGNMENT

WHEREAS, We, Rajit Manohar, a United States citizen, residing at 140 W. 86th Street, Apt. 12C, New York, New York 10024, Benjamin Tang, a Malaysian citizen, residing at 202 Dryden Road, Apt. C, Ithaca, New York 14850, Stephen Longfield, a United States citizen, residing at 411 Summerhill Lane, Apt. 1, Ithaca, New York 14850, and Sunil A. Bhave, an Indian citizen, residing at 190 Pleasant Grove Road, Apt. 16, Ithaca, New York 14850, have invented certain new and useful improvements in LOW POWER ASYNCHRONOUS GPS BASEBAND PROCESSOR for which an application for Letters Patent in the United States was filed as U.S. Serial No. 14/380,700 on August 22, 2014;

AND WHEREAS, Cornell University, with its principal place of business at Cornell Center for Technology, Enterprise & Commercialization ("CCTEC"), 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Cornell University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Cornell University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said Cornell University, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said Cornell University, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

LEGAL124066159.1

5548-03-US

GLO: U	Docket No.: 078554-8059.US0 1/5/2015 Date
Second Witness Signature	Date
Second Witness Printed Name	
Notary Option	
IN TESTIMONY WHI	BREOF, I hereunto set my hand and seal this day of
	Rajit Manohar
STATE OF	
COUNTY OF:	
This day of above-named executed the same of his/her own free	, 2014, before me personally came the to me personally known as the individual who will for the purposes therein set forth.
	Notary Public
	Commission expires on

Witness Signature Option

Benjamin Tang	Date
First Witness Signature	Date
First Witness Printed Name	
Second Witness Signature	Date
Second Witness Printed Name	
Notary Option	
IN TESTIMONY Pe <i>ccalo</i> 2014	WHEREOF, I bereunto set my hand and scal this <u>é</u> day of
	Benjamin Tang
etatone Valtana	
STATE OF <u>New Yorky</u> :	
COUNTY OF <u>More at</u> :	
This 6 day of those-named 8 day of the same of his/her own	Detection, 2014, before me personally came the to me personally known as the individual who free will for the purposes therein set forth.

Notary Public

Commission expires on

KYLE D. APPELGATE
NOTARY PUBLIC OF NEW JERSEY
COMMISSION EXPIRES JUNE 24, 2019

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REEL: 052295 FRAME: 0942

Witness Signature Option

Shaw	12-17/2014 Date
Sunii A. Bhave	Date
480000°	12/7/2014
First Witness Signature	Date
LEENA BHAVE	
First Witness Printed Name	
Mananhinete-	12/7/14 Date
Second Witness Signature	Date
DANA WEINSTEIN	
Second Witness Printed Name	
Netary Option	
IN TESTIMON	WHEREOF, I hereunto set my hand and scal this day or
	•
	Sunil A. Bhave
STATE OF	
COUNTY OF:	
This day	of 2014 hafare me necessally easie the
above-named	of
executed the same of his/her ov	n free will for the purposes therein set forth.
	Merchania Brakelin
	Notary Public

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5548-03-US Docket No.: 078554-8059.US01

ASSIGNMENT

WHEREAS, We, Rajit Manohar, a United States citizen, residing at 140 W. 86th Street, Apt. 12C, New York, New York 10024, Benjamin Tang, a Malaysian citizen, residing at 202 Dryden Road, Apt. C, Ithaca, New York 14850, Stephen Longfield, a United States citizen, residing at 411 Summerhill Lane, Apt. 1, Ithaca, New York 14850, and Sunil A. Bhave, an Indian citizen, residing at 190 Pleasant Grove Road, Apt. 16, Ithaca, New York 14850, have invented certain new and useful improvements in LOW POWER ASYNCHRONOUS GPS BASEBAND PROCESSOR for which an application for Letters Patent in the United States was filed as U.S. Serial No. 14/380,700 on August 22, 2014;

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NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Cornell University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Cornell University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said Cornell University, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said Cornell University, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Rajit Manohar Date First Witness Signature Date First Witness Printed Name

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Witness Signature Option

5548-03-US

Docket No.: 078554-8059,US01

Witness Signature Option

Star benefit.	12/112014		
Stephen Longfield	Date		
First Witness Signature	Date		
First Witness Printed Name			
Second Witness Signature	Date	rational	
Second Witness Printed Name			
Notary Option			
IN TESTIMONY , 2014	WHEREOF, I hereunto	set my hand and seal this	day of
	Sieb	Market Ma	and de la completa d
STATE OF <u>New York:</u>	····		
COUNTY OF Tampkas:			
This <u>Ol</u> day on the day of this d	of <u>December</u> 201	4, before me personally cam personally known as the indi- es therein set forth.	ie the vidual who

Notary Public

Commission expires on August 27 Zollo

Douglas M Petersen
Notary Public, State of New York
Seneca County 01PE6267974
Qualified In Tompkins Country
Commission expires August 27,

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