504144273 12/14/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4184119

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINOD GANAPATHY	12/08/2016

RECEIVING PARTY DATA

Name:	RUTGERS. THE STATE UNIVERSITY OF NEW JERSEY	
Street Address:	83 SOMERSET STREET	
City:	NEW BRUNSWICK	
State/Country:	NEW JERSEY	
Postal Code:	08901	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15357002

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: canavaniplaw@optonline.net

Correspondent Name: AT&T LEGAL DEPARTMENT - CANAVAN

Address Line 1: ONE AT&T WAY Address Line 2: ROOM 2A-207

Address Line 4: BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2013-1114CON
NAME OF SUBMITTER:	ROBERT T. CANAVAN
SIGNATURE:	/Robert T. Canavan/
DATE SIGNED:	12/14/2016

Total Attachments: 2

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PATENT 504144273 REEL: 040729 FRAME: 0701

ASSIGNMENT OF INVENTION

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties, intending to be legally bound, agree as follows:

ASSIGNORs: Name	Address		
Vinod Ganapathy	707 Dunn Circle, Bridgewater, New Jersey 08807		
hereby sell, assign and transfer to:			
ASSIGNEE: Rutgers, the State University of New Jersey	83 Somerset Street, New Brunswick, New Jersey 08901		
Net) 2 c			

and the successors, assigns and legal representatives of the ASSIGNEE, entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

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invent	ed by Ganapathy and which is found in:	
	the U.S. patent application executed on ever	date herewith;
	the U.S. provisional patent application no:	filed:
X	the U.S. patent application no.: 15/357,002	filed: November 21, 2016
	the International Application no.: filed:	
	the U.S. patent no. issued on;	

and, in and to all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid U.S. patent application, and in and to all Non-Provisional and International Applications claiming priority therefrom, and all Letters Patent, both foreign and domestic, to be obtained for said invention by the aforesaid Non-Provisional and International Applications claiming priority therefrom, and all continuation, division, renewal, continuation-in-part or substitute of said Non-Provisional U.S. Patent Applications, and as to Letters Patent and any reissue or re-examination thereof, and to any legal equivalent thereof in a foreign country, including, the right to apply for patents and inventor certificates in respect thereof, the right to claim priority, and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of the invention.

ASSIGNORs hereby authorize ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application or any other information that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

ASSIGNORs hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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ASSIGNORs further covenant and agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORs, and that ASSIGNORs will, at ASSIGNEE's expense, testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE, its assigns or its legal representatives, without further or additional consideration, any and all papers, instruments or affidavits required, render all necessary assistance, and do such additional acts as ASSIGNEE may deem necessary or desirable, to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORs hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE sole use and benefit, and for the use and benefit of ASSIGNEE legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNORs had this assignment and sale not been made.

The parties agree that the foregoing covenants and obligations shall bind and inure to the benefit of the heirs, assigns and legal representatives of both parties.

Name: VINOD GANAPATHY	Date: 12/8/2016
State of County of Rth day of December.	2014 personally appeared
the above named individual, to me known to be the person who	o is described in, and who executed
the foregoing instrument and acknowledged to me that he/she will for the purposes therein expressed.	•
Notary	Public TUNISIA R LIPFORD NOTARY PUBLIC TATE OF NEW JERSEY TOTALS OF PROFESSION PROFE

RECORDED: 12/14/2016