

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4115194

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JINXIN YI	10/25/2016
NECIP BARIS KACAR	10/23/2016
VARUNRAJ VALSARAJ	10/25/2016
RECEIVING PARTY DATA	
Name:	SAS INSTITUTE INC.
Street Address:	SAS CAMPUS DRIVE
City:	CARY
State/Country:	NORTH CAROLINA
Postal Code:	27513
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15335070
CORRESPONDENCE DATA	
Fax Number:	(608)661-3597
<i>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.</i>	
Phone:	6086613590
Email:	pporembski@bellmanning.com
Correspondent Name:	PHILIP A. POREMBSKI
Address Line 1:	2801 WEST BELTLINE HIGHWAY
Address Line 2:	STE. 210
Address Line 4:	MADISON, WISCONSIN 53713
ATTORNEY DOCKET NUMBER:	04500-0049-02
NAME OF SUBMITTER:	PHILIP A. POREMBSKI
SIGNATURE:	/Philip A. Porembski/
DATE SIGNED:	10/26/2016
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, one or more inventions have been made by the undersigned in

SYSTEM FOR CALIBRATING AND VALIDATING PARAMETERS FOR OPTIMIZATION

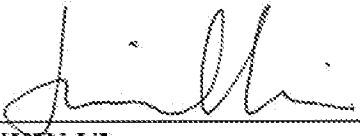
and are the subject of a patent application filed in the United States Patent and Trademark Office on October 26, 2016, under Application Serial No. 15/335,070, which application is identified as SAS Docket No. 100086-US.

WHEREAS, **SAS INSTITUTE INC.**, a **North Carolina** corporation, located and doing business at **SAS Campus Drive, Cary, North Carolina 27513**, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest in said inventions and patent rights therefor throughout the world.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, THE UNDERSIGNED HEREBY SELLS, ASSIGNS, TRANSFERS, AND DELIVERS TO ASSIGNEE all right, title, and interest, in the United States and throughout the world, in said inventions and all patents, patent rights, patent applications, and inventor's certificates for said inventions, including without limitation said application for patent in the United States and all provisionals, divisions, continuations, continuations-in-part, and resulting patents, all right to sue for infringement or past infringement, and all patents and patent rights that may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary or desirable to secure for or vest in assignee, its successors or assigns, any invention right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Patent and Trademark Office is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in the patents, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in the patents.

The undersigned hereby grants Bell and Manning LLC the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:



JINXIN YI

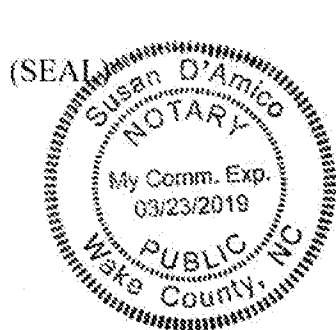
10/25/2016


Date

Post Office Address: 529 Carriage Woods Circle
Raleigh, North Carolina 27607

STATE OF NORTH CAROLINA }
 }
COUNTY OF WAKE } ss.

JINXIN YI appeared before me this 25th day of October, 2016, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.





Notary Public: Susan D'Amico

My Commission Expires: March 23, 2019

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:



NECIP BARIS KACAR

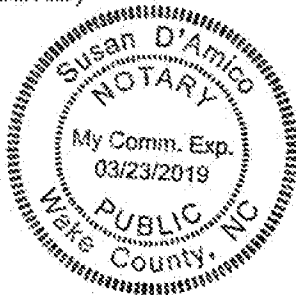
10/23/2016
Date

Post Office Address: 1730 Crossroads Vista Drive, Apt. 201
Raleigh, North Carolina 27606

STATE OF NORTH CAROLINA }
 }
COUNTY OF WAKE } ss.
 }

NECIP BARIS KACAR appeared before me this 23rd day of October, 2016, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.

(SEAL)

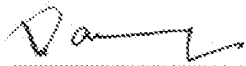




Notary Public: Susan D'Amico

My Commission Expires: March 23, 2019

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:



VARUNRAJ VALSARAJ

10/25/2016

Date

Post Office Address: 104 Chanda Court
Cary, North Carolina 27513

STATE OF NORTH CAROLINA

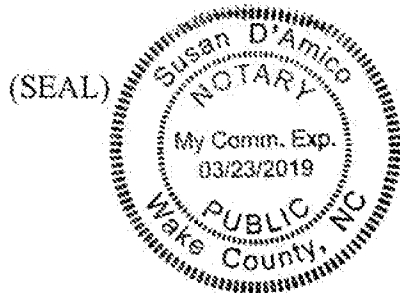
}

} ss.

COUNTY OF WAKE

}

VARUNRAJ VALSARAJ appeared before me this 25th day of October, 2016, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.




Notary Public, Susan D'Amico

My Commission Expires: March 23, 2019