

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4129973

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUN LIU	11/01/2016
RUIWEN ZHANG	10/31/2016
YAN XU	10/31/2016
JOSHUA GRIFFIN	11/01/2016
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:	15341263
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	akakoliris@kilpatricktownsend.com
Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP
Address Line 1:	TWO EMBARCADERO CENTER, SUITE 1900
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111-3834
ATTORNEY DOCKET NUMBER:	094926-026700US-1017749
NAME OF SUBMITTER:	ATHENA KAKOLIRIS
SIGNATURE:	/Athena Kakoliris/
DATE SIGNED:	11/04/2016
Total Attachments: 5	
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ASSIGNMENT

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

ENHANCED POWER METHOD ON AN ELECTRONIC DEVICE

and are the subject of a patent application filed in the United States Patent and Trademark Office on November 2, 2016 under Application Serial No. 15/341,263, which application is identified as SAS Docket No. 100099.

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 Kilpatrick Townsend & Stockton 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:

Ruiwen Zhang
RUIWEN ZHANG

10/31/2016
Date

Post Office Address: 232 Creststone Drive
Cary, North Carolina 27519

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

RUIWEN ZHANG appeared before me this 31st 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.

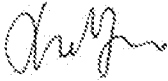
(SEAL)



Susan D'Amico
Notary Public: Susan D'Amico

My Commission Expires: March 23, 2019

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



YAN XU

10/31/16

Date

Post Office Address: 1075 Upchurch Farm Lane
Cary, North Carolina 27519

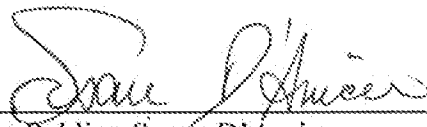
STATE OF NORTH CAROLINA

}
} ss.
}

COUNTY OF WAKE

YAN XU appeared before me this 31st 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)

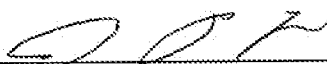


Notary Public: Susan D'Amico

My Commission Expires: March 23, 2019



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



JOSHUA GRIFFIN

11/1/16

Date

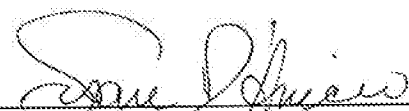
Post Office Address: 8464 Twickenham Ter
Harrisburg, North Carolina 28075

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

JOSHUA GRIFFIN appeared before me this 1st day of November, 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

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