504656422 11/27/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4703144

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOSEPH ALBERT MORGAN	08/29/2017
BRADLEY ALLEN JONES	08/29/2017
RYAN ADAM LEKIVETZ	08/29/2017

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:	15690705

CORRESPONDENCE DATA

Fax Number: (919)999-2798

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.

Phone: 9196364767

Email: docketing@kdbfirm.com

Correspondent Name: KACVINSKY DAISAK BLUNI PLLC Address Line 1: 430 DAVIS DRIVE, SUITE 150

Address Line 4: MORRISVILLE, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER:	1080S100103
NAME OF SUBMITTER:	KAYLA KELLY
SIGNATURE:	/Kayla Kelly/
DATE SIGNED:	11/27/2017

Total Attachments: 4

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PATENT 504656422 REEL: 044221 FRAME: 0175

ASSIGNMENT

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

COMPARISON AND SELECTION OF EXPERIMENT DESIGNS

and are the subject of a patent application filed in the United States Patent and Trademark Office on August 30, 2017, under Application Serial No. 15/690,705, which application is identified as Docket No. 1080S100103.

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 the firm of Kacvinsky Daisak Bluni PLLC 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.

PATENT REEL: 044221 FRAME: 0176

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

Joseph Albert Morgan

Post Office Address: 2714 Bembridge Dr.

Raleigh, NC 27613

STATE OF NORTH CAROLINA

COUNTY OF WAKE

Joseph Albert Morgan appeared before me this Albert Morgan appeared before me this Albert Morgan appeared before me this acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.

Uneada M. Lester Notary Public Wake County North Carolina

My Commission Expires: 1/25/2019

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

Bradley Allen Jones Date

Post Office Address: 507 Ellynn Dr.

Cary, NC 27511

STATE OF NORTH CAROLINA

COUNTY OF WAKE

SS.

Bradley Allen Jones appeared before me this Allen day of August, 2017 and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.

Uneada M. Lester Notary Public Wake County North Carolina

Notary Public:

My Commission Expires:

125/2019

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

Ryan Adam Lekivetz

Date

Post Office Address: 111 Brant Point Pl.

Cary, NC 27513

STATE OF NORTH CAROLINA }

Ryan Adam Lekivetz appeared before me this day of August, 2017 and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.

Uneada M. Lester Notary Public Wake County North Carolina

RECORDED: 11/27/2017

Notary Public:

My Commission Expires:

PATENT REEL: 044221 FRAME: 0179