

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5289483

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHARLES S. SHORB	12/18/2018
JAMES P. CARROLL	12/18/2018
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:	16223906
CORRESPONDENCE DATA	
Fax Number:	(919)854-2084
<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:	(919) 854-1844
Email:	uspto-assignments@coatsandbennett.com
Correspondent Name:	COATS & BENNETT, PLLC/SAS INSTITUTE INC.
Address Line 1:	1400 CRESCENT GREEN
Address Line 2:	SUITE 300
Address Line 4:	CARY, NORTH CAROLINA 27518
ATTORNEY DOCKET NUMBER:	7700-005
NAME OF SUBMITTER:	BRANDEE N. WOOLARD
SIGNATURE:	/Brandee N. Woolard/
DATE SIGNED:	12/18/2018
Total Attachments: 3	
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source=7700Assignment#page2.tif	
source=7700Assignment#page3.tif	

ASSIGNMENT

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

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and are the subject of a patent application filed in the United States Patent and Trademark Office on December 18, 2018, under Application Serial No. 16/223906 which application is identified as SAS Docket No. SAS-100198-US and Coats & Bennett Ref. No.: 7700-005.

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 Coats & Bennett, 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.

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



CHARLES S. SHORB

18-Dec-2018

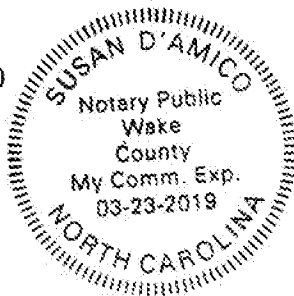
Date

Post Office Address:
112 King James court
Cary, North Carolina 27513

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

CHARLES S. SHORB appeared before me this 18th day of December, 2018 and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein.

(SEAL)

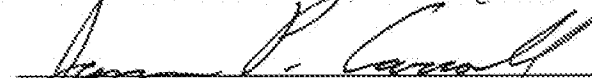




Notary Public: Susan D'Amico

My Commission Expires: March 23, 2019

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


JAMES P. CARROLL

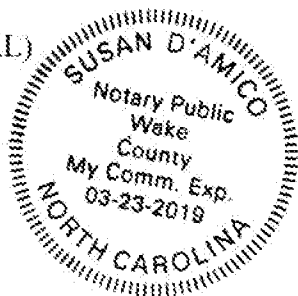
12/18/18
Date

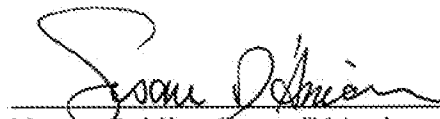
Post Office Address:
300 Tynermouth Drive
Cary, NC 27513

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

JAMES P. CARROLL appeared before me this 18th day of December, 2018
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