503404753 07/23/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
GERALD DONALD BAULIER	04/20/2015	
VINCENT L. DETERS	03/19/2015	
SCOTT J. KOLODZIESKI	03/19/2015	

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:	14806750

CORRESPONDENCE DATA

Fax Number: (608)661-3597

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: 6086613590

Email: pporembski@bellmanning.com

PHILIP A. POREMBSKI **Correspondent Name:**

Address Line 1: 2801 WEST BELTLINE HIGHWAY

Address Line 2: STE. 210

Address Line 4: MADISON, WISCONSIN 53713

ATTORNEY DOCKET NUMBER:	04500-0032-05		
NAME OF SUBMITTER:	PHILIP A. POREMBSKI		
SIGNATURE:	/Philip A. Porembski/		
DATE SIGNED:	07/23/2015		

Total Attachments: 4

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> **PATENT** REEL: 036161 FRAME: 0945

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PATENT REEL: 036161 FRAME: 0946

ASSIGNMENT

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

COMPUTER SYSTEM TO SUPPORT FAILOVER IN AN EVENT STREAM PROCESSING SYSTEM

and are the subject of a patent application filed in the United States Patent and Trademark Office on <u>March 19</u>, 2015, under Application Serial No. <u>14/662,528</u>, which application is identified as SAS Docket No. 59490.

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.

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PATENT REEL: 036161 FRAME: 0947 IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

GERALD DONALD BAULIER Date

Post Office Address: 2509 Umbria Court

Apex, NC 27502

STATE OF NORTH CAROLINA } ss.
COUNTY OF WAKE }

GERALD DONALD BAULIER appeared before me this ______ day of April, 2015, 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: Uneada M. Lester

My Commission Expires: July 25, 2019

IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned: VINCENT L. DETERS Post Office Address: 2005 Wait Ave. Wake Forest, NC 27587 STATE OF NORTH CAROLINA § 88. COUNTY OF WAKE VINCENT L. DETERS appeared before me this day of March, 2015, and acknowledged that the foregoing instrument was executed as his free act and deed for the uses and purposes set forth therein. Uncada M. Lester Notary Public: Uneada M. Lester Notary Public

My Commission Expires: July 25, 2019

Wake County North Carolina

IN WITNESS WHO undersigned:	EREOF, this	Assignment	has been	executed	below	by	the
SZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZZ		- <u>3</u>	/19/2	05			
Post Office Address: 1882 V							
STATE OF NORTH CAROL	JINA	} ss.					
COUNTY OF WAKE			š .	Δd			
SCOTT J. KOLOD; and acknowledged that the f uses and purposes set forth th	oregoing instr				of Marc and dee		
Uneada M. Lester Notary Public Wake County North Carolina	·	AAM y Public: Une ommission Ex			•••••		••••••