# 502755876 04/07/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2802472

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
QING GONG	03/12/2014
AMY SPELMAN DAVIS	03/12/2014
ENRICO STEVANONI	03/13/2014
RYAN NORRIS	03/12/2014

### **RECEIVING PARTY DATA**

Name:	SAS INSTITUTE INC
Street Address:	100 SAS CAMPUS DRIVE
City:	CARY
State/Country:	NORTH CAROLINA
Postal Code:	27513

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14209739

## **CORRESPONDENCE DATA**

**Fax Number:** (412)202-5017

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Email: tboyce@kdbfirm.com

Correspondent Name: KACVINSKY DAISAK BLUNI PLLC (1080)

Address Line 1: 430 DAVIS DRIVE

Address Line 2: SUITE 150

Address Line 4: CARY, NORTH CAROLINA 27560

ATTORNEY DOCKET NUMBER:	1080S56458	
NAME OF SUBMITTER:	JOHN F. KACVINSKY	
SIGNATURE:	/John F. Kacvinsky/	
DATE SIGNED:	04/07/2014	

# **Total Attachments: 5**

source=1080S56458#page1.tif source=1080S56458#page2.tif source=1080S56458#page3.tif

PATENT 502755876 REEL: 032614 FRAME: 0037

source=1080S56458#page4.tif source=1080S56458#page5.tif

> PATENT REEL: 032614 FRAME: 0038

#### ASSIGNMENT

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

# METHOD TO REDUCE LARGE OLAP CUBE SIZE USING CELL SELECTION RULES

and are the subject of a patent application filed in the United States Patent and Trademark Office on March 13, 2014, under Application Serial No. 14/209,739, which application is identified as Docket No. 1080S56458.

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: 032614 FRAME: 0039

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

QING GONG 3/12/2014
Date

Post Office Address: 125 Southwold Drive

Cary, North Carolina 27519

STATE OF NORTH CAROLINA }
SS COUNTY OF WAKE }

QING GONG appeared before me this \_\_\_\_\_\_\_ day of March 2014, 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, 2014

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

Post Office Address: 2453 Falls River Avenue

Raleigh, North Carolina 27614

STATE OF NORTH CAROLINA

**COUNTY OF WAKE** 

AMY SPELMAN DAVIS appeared before me this

day of March 2014, and

acknowledged that the foregoing instrument was executed as her 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, 2014

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

ENRICO STEVANONI

Post Office Address: 533 Mesquite Ridge Place

Cary, North Carolina 27519

STATE OF NORTH CAROLINA

**COUNTY OF WAKE** 

} ss.

ENRICO STEVANONI appeared before me this \_\_\_\_\_ day of March 2014, 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, 2014

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

RYAN NORRIS 3/12/14
Date

Post Office Address: 4316 Hawksong Place

Cary, North Carolina 27518

STATE OF NORTH CAROLINA } ss COUNTY OF WAKE }

RYAN NORRIS appeared before me this \_\_\_\_\_\_ day of March 2014, 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: 04/07/2014

Notary Public: Uneada M. Lester

My Commission Expires: July 25, 2014

PATENT REEL: 032614 FRAME: 0043