PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5005718

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER PHILLIP BONNELL	06/12/2018

RECEIVING PARTY DATA

Name:	CA, INC.
Street Address:	520 MADISON AVENUE
Internal Address:	22ND FLOOR
City:	NEW YORK
State/Country:	NEW YORK
Postal Code:	10022

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16007816

CORRESPONDENCE DATA

Fax Number: (512)670-8904

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: 512-710-8326

Email: uspto@gilliamip.com
Correspondent Name: GILLIAM IP PLLC (CA)

Address Line 1: 7200 N. MOPAC

Address Line 2: SUITE 440

Address Line 4: AUSTIN, TEXAS 78731

ATTORNEY DOCKET NUMBER:	104.US20190022US1	
NAME OF SUBMITTER:	MELISSA R. LUCAS	
SIGNATURE:	/Melissa R. Lucas/	
DATE SIGNED:	06/13/2018	

Total Attachments: 2

source=US20190022US1_Assignment_ToFile#page1.tif source=US20190022US1_Assignment_ToFile#page2.tif

PATENT 504958971 REEL: 046079 FRAME: 0594

DOCKET NUMBER: 104.US20190022US1

ASSIGNMENT

DOCKET NUMBER: 104.US20190022US1 TITLE: EFFICIENT BEHAVIORAL ANALYSIS OF TIME SERIES DATA

This Assignment is directed to the patent application(s) identified above and accompanying this Assignment. The patent application(s) accompanying this Assignment is referred to as the "Application." The term "Invention" means any disclosure, invention, improvement, or discovery disclosed in the Application.

The undersigned hereby assigns or have assigned, and hereby transfers or have transferred to **CA, Inc.**, a Delaware corporation having a principal place of business at 520 Madison Avenue, 22nd Floor, New York, New York 10022, and any of its successors, legal representatives, and assignees the entire worldwide right, title, and interest in and to the Invention, the Application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefrom in the United States and in all foreign countries and jurisdictions, including all continuing applications (i.e., divisionals, continuations, continuations-in-part), reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents.

In addition, the undersigned authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to **CA**, **Inc.**, its successors, legal representatives, and assignees, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by **CA**, **Inc.**, its successors, legal representatives, and assignees to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

The undersigned also agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, for **CA**, **Inc.**, its successors, legal representatives, and assignees, whenever requested by **CA**, **Inc.**, its successors, legal representatives, or assignees.

The undersigned further agrees to: (a) cooperate with **CA**, **Inc.**, in the protection of the Invention and prosecution of domestic and foreign patent applications claiming the Invention; (b) execute, verify, acknowledge and deliver further documents, including patent applications and instruments of transfer; and (c) perform such other acts as **CA**, **Inc.**, lawfully may request to obtain or maintain any patent arising from the Application and any and all applications and registrations for the Invention in any and all countries.

The undersigned acknowledges any prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to **CA**, **Inc.**, and possesses the full and unencumbered right to assign and transfer the rights hereby assigned, and transferred. The undersigned has not executed, and will not execute, any document or instrument in conflict with this Assignment. The undersigned also hereby grants **CA**, **Inc.**, its successors, legal representatives, and assignees,

Page 1 of 2

PATENT REEL: 046079 FRAME: 0595

DOCKET NUMBER: 104.US20190022US1

the right to insert in this Assignment any further identification (including, but not limited to, the Application) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of the State of **New York**, and any disputes will be resolved in a **New York** state court or federal court sited in **New York**.

1) Legal Name of Inventor: Christopher Phillip Bonnell

	Christopher Phillip Bonnell	6/12/2018	
Signature:	وريد 0419B26E609548C	_ Date:	

Page 2 of 2

PATENT REEL: 046079 FRAME: 0596