

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4853210

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AMIR BAR-OR	12/06/2017
YUANSONG LIAO	01/18/2018
RECEIVING PARTY DATA	
Name:	OPERA SOLUTIONS USA, LLC
Street Address:	10 EXCHANGE PLACE
Internal Address:	11TH FLOOR
City:	JERSEY CITY
State/Country:	NEW JERSEY
Postal Code:	07302
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15629328
CORRESPONDENCE DATA	
Fax Number:	(617)443-0004
<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:	6174439292
Email:	kwhitehouse@sunsteinlaw.com
Correspondent Name:	JEFFREY T. KLAYMAN
Address Line 1:	125 SUMMER STREET
Address Line 2:	SUNSTEIN KANN MURPHY & TIMBERS LLP
Address Line 4:	BOSTON, MASSACHUSETTS 02110-1618
ATTORNEY DOCKET NUMBER:	4381/1003
NAME OF SUBMITTER:	JEFFREY T. KLAYMAN
SIGNATURE:	/Jeffrey T. Klayman, #39,250/
DATE SIGNED:	03/06/2018
Total Attachments: 4	
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ASSIGNMENT

ASSIGNOR(S): Amir Bar-Or
Yuansong Liao

ASSIGNEE: Opera Solutions USA, LLC
10 Exchange Place
11th Floor
Jersey City, NJ 07302

STATE OF
INCORPORATION OF
ASSIGNEE: Delaware

TITLE: System and Method for Optimized Query Execution in
Computerized Data Modeling and Analysis

ATTORNEY DOCKET: 4381/1003

APPLICATION NO.: 15/629,328

FILING DATE: June 21, 2017

Assignor is a joint inventor of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and application number as indicated above, or if no filing date and application number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications; and Assignee accepts that assignment.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues, extensions, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by

Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

Each Assignor hereby authorizes and requests Sunstein Kann Murphy & Timbers LLP to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation.

By executing this Assignment, Assignee accepts the assignment set forth above.

Each Assignor and Assignee agree that this instrument may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall constitute one and the same agreement; and that an original signature or a copy thereof transmitted by facsimile or by PDF shall constitute an original signature for purposes of this instrument.

* * * * *

[Signature pages follow]

IN WITNESS WHEREOF, each Assignor and Assignee hereby execute this instrument on the date set forth below opposite their respective signatures.

ASSIGNOR(S)

Date: 12/6/17 Amir Bar-Or
Amir Bar-Or, Assignor

Commonwealth of Massachusetts

County of MA, ss. MARCH 5, 2017 P

On this 5th day of MARCH, 2017, before me, the undersigned notary public, personally appeared Amir Bar-Or, proved to me through satisfactory evidence of identification, which consisted of PASSPORT, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

JOANNA RODRIGUEZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires October 20, 2021
Notary Public
My commission expires: Joanna

Date: Jan 18, 2018 Yuansong Liao
Yuansong Liao, Assignor

State of Washington

County of NEW JERSEY, ss. MARCH 5, 2017 P

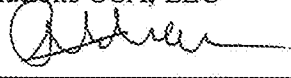
On this 5th day of MARCH, 2017, before me, the undersigned notary public, personally appeared Yuansong Liao, proved to me through satisfactory evidence of identification, which consisted of PASSPORT, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Seal

JOANNA RODRIGUEZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires October 20, 2021
Notary Public
My commission expires: Joanna

ASSIGNEE

Opera Solutions USA, LLC

By:  Date: 3/5/18
Signature

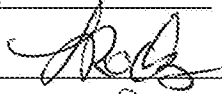
Print Name: Sridhar Ramasubbu

Address: 10 Exchange Place Jersey City, NJ 07302

Title: CFO

I affirm that I did witness the above-named individual sign this document in my presence.

Date: 3/5/18

Witness Signature: 

Witness Printed Name: Joanna Rodriguez

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