## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL TSUMURA	03/27/2015
IVAILO IVANOV	03/27/2015
VIREN SURESH KUMAR	03/27/2015

#### **RECEIVING PARTY DATA**

Name:	BUSINESS OBJECTS SOFTWARE LTD.			
Street Address:	25/28 NORTH WALL QUAY			
City:	DUBLIN 1			
State/Country:	IRELAND			

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14583494

#### **CORRESPONDENCE DATA**

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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.

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ATTORNEY DOCKET NUMBER:	2058.998US1
NAME OF SUBMITTER:	ERIKA L. WATKINS
SIGNATURE:	/ Erika L. Watkins /
DATE SIGNED:	04/17/2015

### **Total Attachments: 6**

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> PATENT REEL: 035437 FRAME: 0358

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# RECORDATION FORM COVER SHEET PATENTS ONLY

Attv Ref/Docket No.: 2058.998US1 Patent and Trademark Office To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. Name and address of receiving party(ies): 1. Name of conveying party(ies): Name: Business Objects Software Ltd. Michael Tsumura, Ivailo Ivanov, Viren Suresh Kumar Street Address: 25/28 North Wall Quay Additional name(s) of conveying party(ies) attached? City: Dublin 1 Country: Ireland [ ]Yes [X]No 3. Nature of conveyance: Additional name(s) & address(es) attached? [ ]Yes [X]No [X] Assignment Merger [ ] Security Agreement [ ] Change of Name [ ] Other Execution Date: March 27, 2015, March 27, 2015, March 27, 2015 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Serial No. 14/583,494 Additional numbers attached? [ ]Yes [X]No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence 7. Total fee (37 CFR 3.41):\$ 0.00 concerning document should be mailed: Name: Jonathan D. Hanish [[Enclosed [Authorized to be charged to deposit account 19-Address: 0743 Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Please charge any additional fees or credit any over Minneapolis, MN 55402--0938 payments to our Deposit Account No.: 19-0743 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. April 15, 2015 /Jonathan D. Hanish/ Jonathan D. Hanish/Reg. No. 57,821 Name of Person Signing Signature Total number of pages including cover sheet: 6 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Mail Stop Assignment Recordation Services

P.O. Box 1450

Alexandria, VA 22313-1450

PATENT REEL: 035437 FRAME: 0359

#### **ASSIGNMENT**

	WHEREAS,	Michael	Tsumura,	Ivailo	Ivanov	and	Viren	Suresh	Kumar	(hereinafter	the
"Under:	signed") hav	e made o	one or more	e inver	itions an	d oth	er subj	ect matt	er (here	inafter collect	ively
referred	f to as the "	Invention'	") which are	descri	bed in a	paten	t applic	ation file	d on		
which a	pplication v	vas assign	ed US pater	nt appl	ication s	erial r	ıumber	***************		, and whi	ch is
titled D	ata Wranglir	ng - How t	o create a s	mart sa	imple of	a larg	ge data:	set.			

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Business Objects Software Ltd. (the "Assignee"), having a place of business at 25/28 North Wall Quay, Dublin 1, Ireland, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the Invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such Invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Invention to the Assignee;

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 50400 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

PATENT REEL: 035437 FRAME: 0360 WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the Invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the Invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the Invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the Invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such Invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the Invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment
Assignors: Michael Tsumura et al.

Title: Data Wrangling - How to create a smart sample off a large dataset

Page 3 of 5

Docket No. 2058,998US1 Client Ref. No. 141005US01

Assignor:

(Signature):

Name: Michael Tsumura

City/State: Richmond, Canada

Date:

Witness:

Signature/Date

Full Name (Printed)

Mar 27, 2015

Assignor:

(Signature):

Name: Ivailo Ivanov

City/State: Vancouver, BC Canada

Date:

Mar 27, 2015

Scott Cameron

Witness:

Signafure/Date

Full Name (Printed)

Assignment
Assignors: Michael Tsumura et al.
Title: Data Wrangling - How to create a smart sample off a large dataset
Page 5 of 5

Docket No. 2058.998US1 Client Ref. No. 141005US01

Assignor:

(Signature):

Name: Viren Suresh Kumar
City/State: Vancouver, BC Canada

Date:

Witness:

Witness:

Signature/Date

MARK SIEGEL
Full Name (Printed)

PATENT REEL: 035437 FRAME: 0364

**RECORDED: 04/17/2015**