#### PATENT ASSIGNMENT

# Electronic Version v1.1

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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DATA					
N			Name	Execution Date	
Michael W. Kruger				01/17/2012	
Romesh Wadhwani				02/27/2012	
RECEIVING PARTY DATA					
Name:	SymphonyIRI Group, Inc.				
Street Address:	150 North Clinton Street				
City:	Chicago				
State/Country:	ILLINOIS				
Postal Code:	60661				
PROPERTY NUMBERS Total: 2					
Property Type			Number		
Application Number: 13299		132997			
Application Number: 13408		134087	743		
Application Number:     13408743       CORRESPONDENCE DATA     62000000000000000000000000000000000000					
Fax Number: (781)644-6137					
Phone: 6179162658			8		
Phone:       6179162658       8         Email:       patents@stratpat.com       8         Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US       9					
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail. Correspondent Name: Strategic Patents P.C.					
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Address Line 1: P.O.Box 920629					
Address Line 4: Needham, MASSACHUSETTS 02492					
ATTORNEY DOCKET NUMBER:			IRIC-0056-P01_P02		
NAME OF SUBMITTER:			Robert A. Mazzarese		
Total Attachments: 4 source=IRIC-0056-P01_030612_Executed Assignment#page1.tif source=IRIC-0056-P01_030612_Executed Assignment#page2.tif source=IRIC-0056-P01_030612_Executed Assignment#page3.tif source=IRIC-0056-P01_030612_Executed Assignment#page4.tif					

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#### ASSIGNMENT

WHEREAS, each of the undersigned inventor(s) ("Inventor(s)") has developed certain inventions ("Inventions") described in a U.S. patent application No. 13/299,743, filed November 18, 2011, and entitled:

### DATA INTEGRATION AND ANALYSIS

and has full right to convey his or her entire interest, both legal and equitable, in and to said Inventions free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, SymphonyIRI Group, Inc. ("ASSIGNEE"), an entity organized and existing under the laws of the state of Delaware, and having a place of business at 150 North Clinton Street, Chicago, IL, 60661, is desirous of acquiring the entire right, title, and interest in and to the Inventions and any and all patents to be obtained therefore;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each Inventor, each Inventor hereby assigns and transfers unto the ASSIGNEE, its successors and assigns, his or her entire right, title and interest in and to the Inventions as described in the above application and any and all conversions, divisions, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents in any jurisdiction worldwide; along with all rights of priority and rights to sue for past infringement.

AND each Inventor hereby authorizes and requests the issuing authority to issue any and all patents issuing from any of the forgoing to the ASSIGNEE or its successors and assigns.

AND each Inventor agrees that ASSIGNEE's counsel, Strategic Patents, P.C. having Patent Office Customer Number 43520, shall hereinafter act on behalf of the ASSIGNEE with respect to the Inventions.

AND, each Inventor further agrees, at ASSIGNEE's (or its successors and assigns') cost, to communicate to the ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to the Inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do such reasonable acts as may be necessary for the ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for the Inventions in this or any foreign country.

Page 1 of 2

App. No. 13/299,743

Attorney Docket No. IRIC-0056-P01

The Inventor(s) hereby authorize(s) the attorneys and agents associated with Patent Office Customer Number 43520 to insert hereon any further information necessary or desirable for recordation of this document.

Inventor(s)

Date Signed

Witness(es)

Michael W. Kruger 2/27/12 [ar sh Wadhwani

## ASSIGNMENT

WHEREAS, each of the undersigned inventor(s) ("Inventor(s)") has developed certain inventions ("Inventions") described in a U.S. patent application No. 13/299,743, filed November 18, 2011, and entitled:

# DATA INTEGRATION AND ANALYSIS

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NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each Inventor, each Inventor hereby sells, assigns and transfers unto the ASSIGNEE, its successors and assigns, his or her entire right, title and interest in and to the Inventions as described in the above application and all applications resulting therefrom, including any and all conversions, divisions, continuations, continuations-in-part, substitute applications, and reissues or extensions thereof; and all resulting patents in any jurisdiction worldwide; along with all rights of priority and rights to sue for past infringement.

AND each Inventor hereby authorizes and requests the issuing authority to issue any and all patents issuing from any of the forgoing to the ASSIGNEE or its successors and assigns.

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AND, each Inventor further agrees, without any further payment or compensation by the ASSIGNEE or its successors and assigns, to communicate to the ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to the Inventions including evidence for interference purposes or for other legal proceedings whenever requested; to testify in any interference or other legal proceedings, whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to generally do everything possible to aid the ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for the Inventions in this or any foreign country.

# PATENT REEL: 027811 FRAME: 0305

App. No. 13/299,743

Attorney Docket No. IRIC-0056-P01

The Inventor(s) hereby authorize(s) the attorneys and agents associated with Patent Office Customer Number 43520 to insert hereon any further information necessary or desirable for recordation of this document.

Inventor(s)

Date Signed

Witness(es)

Michael W. Kruger Jan 17 2012 Betty Gonzalez-Rico

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PATENT REEL: 027811 FRAME: 0306

**RECORDED: 03/06/2012**