503572484 11/17/2015

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3619111

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LEEANN CHAU TUYET DANG	09/29/2015
CHRISTOPHER JOHN HAWKINS	09/29/2015

RECEIVING PARTY DATA

Name:	ACCENTURE GLOBAL SERVICES LIMITED	
Street Address:	3 GRAND CANAL PLAZA	
Internal Address:	GRAND CANAL STREET UPPER	
City:	DUBLIN 4	
State/Country:	IRELAND	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14920687

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1022/2714
NAME OF SUBMITTER:	MARC V. RICHARDS, REG. NO. 37,921
SIGNATURE:	/Marc V. Richards/
DATE SIGNED:	11/17/2015

Total Attachments: 2

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PATENT REEL: 037057 FRAME: 0995 503572484

Attorney Docket No.: 10022/2714

ASSIGNMENT JOINT

THIS ASSIGNMENT, by Leeann Chau Tuyet Dang, residing at 3951 Brookdale Dr., Apt. 4, Santa Clara, CA 95051; and Christopher John Hawkins, residing at 754 The Alameda, Apt. 3314, San Jose, CA 95126 (hereinafter referred to as the "Assignors"), witnesseth:

WHEREAS, said Assignors have made the invention(s) described in U.S. provisional patent application entitled SECONDARY MARKET INTEGRATION WITHIN EXISTING DATA FRAMEWORK, which was filed on October 22, 2015 and which bears Serial No. 14/920,687 , for which the Assignors hereby authorize the attorneys for the Assignee to insert the serial numbers and filing dates when known; and

WHEREAS Accenture Global Services Limited, a limited liability company duly organized under and pursuant to the laws of Ireland as a judicial person, and having a place of business at 3 Grand Canal Plaza, Grand Canal Street Upper, Dublin 4, Ireland (hereinafter referred to as either "AGSL" or the "Assignee"), desires to acquire and has the right to acquire the entire right, title and interest in and to said applications for Letters Patent identified above, all associated invention(s) disclosed or claimed therein, all corresponding patent applications filed or to be filed in the United States or any other country, and in and to any Letters Patent or Patents obtained therefore or thereon in the United States or any other country;

NOW, THEREFORE, for good, valuable and legally sufficient consideration for each Assignor, the receipt of which is hereby acknowledged by all Assignors, said Assignors have sold, assigned, transferred and set over, and as demonstrated by this Assignment do sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in and to the above-mentioned inventions, applications for Letters Patent, and any and all Letters Patent or Patents in India, the United States of America, and other countries which may be granted therefor or thereon, and in and to any and all divisions, continuations and continuations-in-part of any such application, or reissues, reexaminations, renewals and extensions of said Letters Patent or Patents; and the full right to claim for any such applications all benefits and priority rights under any applicable convention, treaty or legislation, and the right of Assignee to sue and obtain relief, including damages, profits and an injunction, for any infringement occurring before or after issuance of said Letters Patent or Patents; the same to be held and enjoyed for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors had this Assignment not been made.

For the above-recited consideration, each of said Assignors hereby covenants, warrants and agrees that, at the time of execution and delivery of this Assignment, (s)he is a lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

For the above-recited consideration, each of said Assignors hereby covenants and agrees to execute and deliver to the Assignee, its successors, legal representatives or assigns, all papers and documents that may be required to carry out the terms of this Assignment, and take all lawful oaths, provide testimony, and do all lawful acts necessary or required to be done to reasonably assist said Assignee, its successors, legal representatives or assigns in any interference, litigation or other proceeding in any country concerning or in connection with any inventions, patent applications, Letters Patent or Patents assigned hereunder; or for the prosecution, procurement, maintenance, enforcement and defense of Letters Patent or Patents for said inventions and patent applications, or to carry out the terms of this

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Assignment, or vest in the Assignee, its successors and assigns, exclusive title in and to all inventions, patent applications, Letters Patent or Patents assigned hereunder, without further compensation from said Assignee, its successors, legal representatives or assigns, except for reasonable costs and expenses of the Assignor incident to such assistance and approved in writing by said Assignee, its successors, legal representatives or assigns before any such costs or expenses are incurred.

Each Assignor grants Assignee a limited power of attorney to execute, or have executed, for or on behalf of that Assignor, whatever papers are required to file or prosecute patent applications and obtain U.S. and foreign patent rights for the invention(s) assigned herein, with the understanding and agreement that the exercise of this limited power of attorney by Assignee or its attorneys or representatives gives the Assignor no rights with respect to anything assigned hereunder, nor establishes any attorney-client relationship between Assignor and Assignee or Assignor and any attorney working on behalf of Assignee. Each Assignor also agrees that there is no actual or implied attorney-client relationship between that Assignor and any attorney of Assignee, its affiliates, subsidiaries or parent companies, by virtue of the preparation and prosecution of any U.S. or foreign applications for patents hereunder, any employment or consulting relationship between that Assignor and Assignee or any other company, or by virtue of this Assignment or any term thereof.

Said Assignors hereby authorize and request the Commissioner of Patents in the United States to issue said Letters Patent or Patents of the United States to AGSL as the Assignee of said inventions, patent applications and the Letters Patent or Patents to be issued thereon for the sole use of AGSL, its successors and assigns in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this Assignment.

9/29/15

Loeann Chau Tuyet Dang

9/29/15

Christopher John Hawkins