

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2581669

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT								
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PATENT AND APPLICATION NOS. previously recorded on Reel 031400 Frame 0994. Assignor(s) hereby confirms the CORRECT PATENT NO. SHOULD BE LISTED AS 8,255,375 AND CORRECT APPLICATION NO. SHOULD BE LISTED AS 12/710,712.								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>THOMAS JOSEPH</td> <td>07/30/2013</td> </tr> <tr> <td>JITENDRA BHIMAVARAPU</td> <td>08/01/2013</td> </tr> <tr> <td>MATTHIAS VON RUEDEN</td> <td>08/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	THOMAS JOSEPH	07/30/2013	JITENDRA BHIMAVARAPU	08/01/2013	MATTHIAS VON RUEDEN	08/01/2013
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THOMAS JOSEPH	07/30/2013								
JITENDRA BHIMAVARAPU	08/01/2013								
MATTHIAS VON RUEDEN	08/01/2013								
RECEIVING PARTY DATA									
Name:	BANK OF AMERICA CORPORATION								
Street Address:	HEARST TOWER								
Internal Address:	NC1-027-20-05, 214 N. TRYON STREET								
City:	CHARLOTTE								
State/Country:	NORTH CAROLINA								
Postal Code:	28255								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>8255375</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	8255375				
Property Type	Number								
Patent Number:	8255375								
CORRESPONDENCE DATA									
Fax Number:	(312)463-5001								
Phone:	312-463-5565								
Email:	AONODA@BANNERWITCOFF.COM, BWPTOPAT@bannerwitcoff.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	BANNER & WITCOFF, LTD.								
Address Line 1:	TEN SOUTH WACKER DR.								
Address Line 2:	SUITE 3000								
Address Line 4:	CHICAGO, ILLINOIS 60606								
ATTORNEY DOCKET NUMBER:	007131.00650-CORRECT ADDL								

NAME OF SUBMITTER:	KENNETH F. SMOLIK
Signature:	/Kenneth F. Smolik/
Date:	10/17/2013
Total Attachments: 6 source=Notice#page1.tif source=Notice#page2.tif source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif source=00650coversheet#page1.tif	



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 11, 2013

PTAS

DARRELL G. MOTTLEY
1100 13TH STREET NW
SUITE 1200
WASHINGTON, DC 20005

502528599

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/10/2013

REEL/FRAME: 031384/0157
NUMBER OF PAGES: 12

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 007131.01382

ASSIGNOR:

BARBIR, ABBIE

DOC DATE: 10/09/2013

ASSIGNOR:

MARIAN, RADU

DOC DATE: 10/09/2013

ASSIGNOR:

FRICK, CYNTHIA A.

DOC DATE: 10/09/2013

ASSIGNOR:

KLING, JOHN

DOC DATE: 10/10/2013

ASSIGNOR:

SIMON, MICHAEL

DOC DATE: 10/09/2013

ASSIGNEE:

BANK OF AMERICA CORPORATION
214 NORTH TRYON STREET
MAILCODE: NC1-027-20-05
CHARLOTTE, NORTH CAROLINA 28255

WHEREAS, I, **Thomas Joseph**, ("Assignor"), a citizen of **United States**, residing in **Aurora, Illinois**, have invented certain new and useful inventions entitled "**Content Service Bus Framework**". If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize my attorney to insert the filing date and application number below after they become known and prior to filing the recordation.

U.S. Application No. 12/710,712 filed 02/23/2010.

WHEREAS, **BANK OF AMERICA CORPORATION** ("Assignee"), a Corporation duly organized under the laws of the State of Delaware, and having its offices and place of business at Charlotte, North Carolina, is desirous of acquiring the entire right, title and interest in and to the aforesaid inventions and in and to all applications and Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto:

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 30 day of July, 2013.



Thomas Joseph, Assignor

ASSIGNMENT

WHEREAS, I, **Jitendra Bhimavarapu**, ("Assignor"), a citizen of **India**, residing in **Chicago, Illinois**, have invented certain new and useful inventions entitled "**Content Service Bus Framework**". If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize my attorney to insert the filing date and application number below after they become known and prior to filing the recordation.
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NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt and sufficiency of which is hereby acknowledged, I said Assignor, by these presents do sell, assign and transfer unto said Assignee, its successors, assigns and legal representatives, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto, and throughout the world and in space, (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to said inventions and in and to all applications and Letters Patent granted therefor, and all divisions, reissues, continuations and extensions thereof, and in and to all copyrights, trademarks with their associated goodwill, trade secrets, confidential information, and compilations, necessary or useful to make, use, or sell the inventions. I hereby authorize and request the Commissioner of Patents, and any official whose duty it is to issue patents, to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, or its successors and assigns, as assignee of the entire right, title and interest. I represent and warrant that I have full right to agree to, execute, and deliver this assignment. I agree that I will without further consideration, but at the expense of Assignee, communicate to said Assignee, or its successors, assigns, or nominees, any and all facts known to me regarding said inventions whenever requested, and that I will execute all non-provisional, divisional, reissue, continuation and continuation-in-part applications, testify in any legal proceedings, sign all lawful papers, make all rightful oaths, and generally do everything reasonable for said Assignee, its successors, assigns, and nominees, to obtain and enforce proper patent protection for said inventions in all countries.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 1 day of Aug. 2013.



Jitendra Bhimavarapu, Assignor

ASSIGNMENT

WHEREAS, I, **Matthias Von Rueden**, ("Assignor"), a citizen of **Germany**, residing in **Chicago, Illinois**, have invented certain new and useful inventions entitled "**Content Service Bus Framework**". If the following lines are blank, the above application was filed on even date herewith, otherwise, to comply with 37 C.F.R. §3.21 for recordal of this assignment, I, an assignor below, hereby authorize my attorney to insert the filing date and application number below after they become known and prior to filing the recordation.
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IN WITNESS WHEREOF, I have hereunto set my hand and seal this 1 day of 8 20 13.


Matthias Von Rueden, Assignor

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT2576831

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CORRESPONDENCE DATA									
Fax Number:	(312)463-5001								
Phone:	312-463-5000								
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	BANNER & WITCOFF, LTD.								
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Address Line 2:	SUITE 3000								
Address Line 4:	CHICAGO, ILLINOIS 60606								
ATTORNEY DOCKET NUMBER:	007131.00650-ADD'TL INVTR								
NAME OF SUBMITTER:	KENNETH F. SMOLIK								

RECORDED: 10/17/2013

PATENT
 REEL: 031432 FRAME: 0421

CH \$40.00 8225375