

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2651214

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>SOURAV S. BHATTACHARYA</td> <td>11/15/2013</td> </tr> <tr> <td>ANIRBAN BHATTACHARYYA</td> <td>04/29/2013</td> </tr> <tr> <td>KULDIP SHETTY</td> <td>05/07/2013</td> </tr> <tr> <td>KRISHNA PRASAD MURALEEDHARAN PILLAI</td> <td>08/09/2013</td> </tr> <tr> <td>RAVI UDAYA KUMBLE</td> <td>05/06/2013</td> </tr> <tr> <td>VITESH PATEL</td> <td>05/06/2013</td> </tr> <tr> <td>venu aluri</td> <td>05/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	SOURAV S. BHATTACHARYA	11/15/2013	ANIRBAN BHATTACHARYYA	04/29/2013	KULDIP SHETTY	05/07/2013	KRISHNA PRASAD MURALEEDHARAN PILLAI	08/09/2013	RAVI UDAYA KUMBLE	05/06/2013	VITESH PATEL	05/06/2013	venu aluri	05/01/2013
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<table border="1"> <tr> <td>Name:</td> <td>WIPRO LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>DODDAKANNELLI, SARJAPUR ROAD</td> </tr> <tr> <td>City:</td> <td>BANGALORE</td> </tr> <tr> <td>State/Country:</td> <td>INDIA</td> </tr> <tr> <td>Postal Code:</td> <td>560035</td> </tr> </table>		Name:	WIPRO LIMITED	Street Address:	DODDAKANNELLI, SARJAPUR ROAD	City:	BANGALORE	State/Country:	INDIA	Postal Code:	560035						
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Application Number:	13971761																
CORRESPONDENCE DATA																	
Fax Number:	(202)408-4400																
Email:	karthik.kumar@finnegan.com																
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>																	
Correspondent Name:	KARTHIK KUMAR																
Address Line 1:	901 NEW YORK AVE., N.W.																
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20001																
ATTORNEY DOCKET NUMBER:	11612.0028-00000																
NAME OF SUBMITTER:	KARTHIK KUMAR																

PATENT

Signature:	/Karthik Kumar/
Date:	12/17/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<p><b>Total Attachments: 15</b></p> <p>source=11612_0028_Assignments#page1.tif source=11612_0028_Assignments#page2.tif source=11612_0028_Assignments#page3.tif source=11612_0028_Assignments#page4.tif source=11612_0028_Assignments#page5.tif source=11612_0028_Assignments#page6.tif source=11612_0028_Assignments#page7.tif source=11612_0028_Assignments#page8.tif source=11612_0028_Assignments#page9.tif source=11612_0028_Assignments#page10.tif source=11612_0028_Assignments#page11.tif source=11612_0028_Assignments#page12.tif source=11612_0028_Assignments#page13.tif source=11612_0028_Assignments#page14.tif source=11612_0028_Assignments#page15.tif</p>	

**ASSIGNMENT AND DECLARATION AND POWER OF ATTORNEY FOR  
UTILITY OR DESIGN PATENT APPLICATION**

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), have made an invention entitled:

SYSTEMS AND METHODS FOR IMPROVED SECURITY AND PRECISION IN EXECUTING ANALYTICS USING SDKS  
for which I/WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, Wipro Limited  
a corporation of India

whose post office address is Doddakannelli, Sarjapur Road, Bangalore, Karnataka, India 560035

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request that the attorneys having Power of Attorney in this application, insert here in parentheses (Application No. 13/971,761, filed Aug. 20, 2013) the filing date and application number of said application when known.

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

As a below named inventor, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the US PTO all information known to me to be material to patentability as defined in 37C.F.R. § 1.56.

I hereby appoint the patent practitioners associated with **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,852** to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

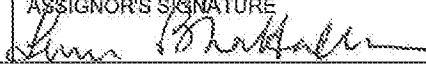
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IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Sourav S. Bhattacharya	ASSIGNOR'S SIGNATURE 	DATE NOV 15, 2013
MAILING ADDRESS 13418 N.Cliff Top Drive, Fountain Hills, Arizona 85268, USA		RESIDENCE
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
4. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE

7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE

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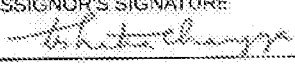
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1. FULL NAME OF SOLE OR FIRST ASSIGNOR <b>ANIRBAN BHATTACHARYYA</b>	ASSIGNOR'S SIGNATURE 	DATE 29-APRIL-2013
MAILING ADDRESS <b>APT A-603, SHRIRAM SAMRUDDHI, VARTHUR MAIN ROAD, BANGALORE 560066, INDIA.</b>		RESIDENCE <b>APT A-603, SHRIRAM SAMRUDDHI, VARTHUR MAIN ROAD, BANGALORE 560066, INDIA</b>
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
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6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 11612.0028

7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE



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IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <b>KULDEP SHETTY</b>	ASSIGNOR'S SIGNATURE <i>[Signature]</i>	DATE <b>07/05/2013</b>
MAILING ADDRESS <b>C/O ANIL KUMAR SHETTY, HEGDE NEVAS SASTAN - 576224, DODGE DISTRICT, KARNATAKA, INDIA.</b>		RESIDENCE <b>INDIAN</b>
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
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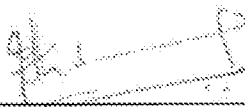
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1. FULL NAME OF SOLE OR FIRST ASSIGNOR KRISHNA PRASAD MURALEEDHARAN PILLAI	ASSIGNOR'S SIGNATURE 	DATE 08/09/2013
MAILING ADDRESS 11400 NE 132 <sup>ND</sup> 8F APT R103, KIRKLAND WA 98034		RESIDENCE 11400 NE 132 <sup>ND</sup> 8F APT R103, KIRKLAND WA 98034
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whose post office address is Doddakannelli, Sarjapur Road, Bangalore, Karnataka, India 560035

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over; and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and I/We hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns; execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request that the attorneys having Power of Attorney in this application, insert here in parentheses (Application No. 13/971,761 filed Aug. 20, 2013) the filing date and application number of said application when known.

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above identified application; (2) the above identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

As a below named inventor, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the US PTO all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby appoint the patent practitioners associated with **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,052** to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

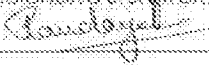
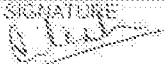
**Authorization To Permit Access To Application by Participating Offices:**

☐ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above- KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the Applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the above-identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application as filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a); (d) if a copy of the foreign application (5) satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application as filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR RAVI UDAYA KUMBLE	ASSIGNOR'S SIGNATURE 	DATE 8 <sup>th</sup> MAY 2013
MAILING ADDRESS #5, SBI OFFICER'S COLONY, 3 <sup>rd</sup> STAGE, 4 <sup>th</sup> BLOCK, BASAVESHWARA NAGAR, BANGALORE-560078, KARNATAKA, INDIA		RESIDENCE SAME AS MAILING ADDRESS
2. FULL NAME OF SECOND ASSIGNOR, IF ANY VITESH PATEL	ASSIGNOR'S SIGNATURE 	DATE 8 <sup>th</sup> MAY 2013
MAILING ADDRESS 1, 402, LAVANYA APT., SITE NO. 12, MARUTHI NAGAR, KAIKONDRAHALLI, SARJAPUR ROAD, BANGALORE -- 560035, KARNATAKA, INDIA		RESIDENCE SAME AS MAILING ADDRESS
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
4. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE

SOLE/JOINT INVENTION  
(Worldwide Rights)  
Attorney Docket No. 11612.0028

7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE

**ASSIGNMENT AND DECLARATION AND POWER OF ATTORNEY FOR  
UTILITY OR DESIGN PATENT APPLICATION**

WHEREAS I/We, the below named inventor(s), (hereinafter referred to as Assignor(s)), have made an invention entitled:

SYSTEMS AND METHODS FOR IMPROVED SECURITY IN EXECUTING ANALYTICS USING SDKS  
for which I/WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, Wipro Limited  
a corporation of India

whose post office address is Doddakannelli, Sarjapur Road, Bangalore, Karnataka, India 560035

(hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, as well as all rights to claim priority on the basis of this application in any foreign country, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request the Director of the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

AND, I/WE HEREBY authorize and request that the attorneys having Power of Attorney in this application, insert here in parentheses (Application No. 13/971,761, filed Aug. 20, 2013) the filing date and application number of said application when known.

As a named inventor below, I hereby declare that: (1) This declaration is directed to the above-identified application; (2) the above-identified application was made or authorized to be made by me; (3) my residence and mailing address are as stated below next to my name; and (4) I believe I am an original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statements made in this declaration are punishable by fine or imprisonment of not more than five (5) years, or both, under section 1001 of Title 18 of the United States Code.

As a below named inventor, I have reviewed and understand the contents of the application, including the claims, and am aware of the duty to disclose to the US PTO all information known to me to be material to patentability as defined in 37C.F.R. § 1.56.



I hereby appoint the patent practitioners associated with **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P., CUSTOMER NUMBER 22,852** to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

**Authorization To Permit Access To Application by Participating Offices:**

☒ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above- KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the Applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the above identified patent application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <i>VFAAD ALURE</i>	ASSIGNOR'S SIGNATURE <i>Alure</i>	DATE <i>05/01/2013</i>
MAILING ADDRESS <i>8127 Ambler Aragon Gudlowallen, Richmond, VA 22135</i>		RESIDENCE
2. FULL NAME OF SECOND ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
4. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
MAILING ADDRESS		RESIDENCE