### 505719277 10/11/2019

## **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5766088

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DEEPALI PRABHU KHOLKAR	10/09/2018
DUSHYANTHI MULPURU	10/09/2018
VINAY VASANT KULKARNI	10/09/2018

#### **RECEIVING PARTY DATA**

Name:	TATA CONSULTANCY SERVICES LIMITED	
Street Address:	NARIMAN POINT	
Internal Address:	NIRMAL BUILDING, 9TH FLOOR	
City:	MUMBAI, MAHARASHTRA	
State/Country:	INDIA	
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16599517

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	13178.0533	
NAME OF SUBMITTER:	ALEXANDER J. ZAJAC	
SIGNATURE:	/Alexander J. Zajac/	
<b>DATE SIGNED:</b> 10/11/2019		
This document serves as an Oath/Declaration (37 CFR 1.63).		

**Total Attachments: 2** 

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PATENT REEL: 050688 FRAME: 0896

# ASSIGNMENT AND DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

#### ASSIGNMENT:

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

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SYSTEMS AND METHODS FOR VALIDATING DOMAIN SPECIFIC MODELS
for which I/WE executed an application for United States Letters Patent concurrently herewith; and
WHEREAS,Tata Consultancy Services Limited
a corporation of <u>India</u>
whose post office address is Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India
(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, IWE 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, filed) 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

[IDF-90441-005-IN]

as defined in 37C.F.R. § 1.56.

**PATENT** REEL: 050688 FRAME: 0897

#### 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-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-filled; 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 filled 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.

FULL NAME OF SOLE OR FIRST ASSIGNOR     PRABHU KHOLKAR, Deepali	ASSIGNOR'S SIGNATURE	DATE 09-04-2018
MAILING ADDRESS Tata Consultancy Services Limited, Tata Research Development & Design Centre, 54-B, Hadapsar Industrial Estate, Hadapsar, Pune - 411013, Maharashtra, India		RESIDENCE India
2. FULL NAME OF SECOND ASSIGNOR, IF ANY MULPURU, Dushyanthi	ASSIGNOR'S SIGNATURE M. Dushy antho	DATE 09-067-2018
MAILING ADDRESS Tata Consultancy Services Limited, Tata Research Development & Design Centre, 54-B, Hadapsar Industrial Estate, Hadapsar, Pune - 411013, Maharashtra, India		RESIDENCE India
3 FULL NAME OF THIRD ASSIGNOR, IF ANY KULKARNI, Vinay Vasant	ASSIGNOR'S SIGNATURE	<b>DATE</b> 09-0 <sub>0</sub> 4-2018
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[IDF-90441-005-IN]

PATENT REEL: 050688 FRAME: 0898

**RECORDED: 10/11/2019**