505673519 09/16/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MONIKA SAHU	07/31/2018
KUMAR MANSUKHLAL VIDHANI	07/31/2018
SACHIN PREMSUKH LODHA	07/31/2018
RAM KUMAR	07/31/2018

RECEIVING PARTY DATA

Name:	TATA CONSULTANCY SERVICES LIMITED
Street Address:	NARIMAN POINT
Internal Address:	NIRMAL BUILDING, 9TH FLOOR
City:	MUMBAI, MAHARASHTRA
State/Country:	INDIA
Postal Code:	400021

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16571581

CORRESPONDENCE DATA

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Correspondent Name: TATA CONSULTANCY SERVICES/FINNEGAN

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ATTORNEY DOCKET NUMBER:	13178.0521-00000
NAME OF SUBMITTER:	ALEXANDER J. ZAJAC
SIGNATURE:	/Alexander J. Zajac/
DATE SIGNED:	09/16/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

PATENT REEL: 050385 FRAME: 0335

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> PATENT REEL: 050385 FRAME: 0336

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 entitled:

METHOD AND SYSTEM FOR CODE ANALYSIS TO IDENTIFY CAUSES OF CODE SMELLS for which I/WE executed an application for United States Letters Patent concurrently herewith; and WHEREAS, __Tata Consultancy Services Limited a corporation of __India 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, 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 reque	est 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 know	/n.	

DECLARATION:

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.

[IDF-738501-002-IN]

Authorization to Permit Access to Application by Participating Offices:

BigControl with 37 CFR 1 (4) (y 3), access will be provided to a copy of the above-inventibed papert application with respect to 10 the above well-filled papert application and respect to 10 the above-inventibed papert application and provide 35 U.S.C.

1 (4) (4) (4) a copy of the breight application that paties the certified copy of premise of 37 CFR 1.55 has been filled in the above-dentified patert application.

In accordance with LT CFR 1 NECL access may be provided to information concerning the date of thing the Authorization to Permit Access to Applications by Paricipaliting Citizes

IN TESTIMONY WHEREOF, IAVe have hereunto set our hands

CAMPLE Milestra	PARTIE TO SERVICE TO S	PATE Control of the Control
Tata Consultancy Consider Limited, Tata Research Davide Haddingsell Physics 411012 Managediscs, India 2 FULL NAME OF SECURITY ASSISTANCE, IF ANY		RESILENCE incle
VICENTA Numer Managerials AVELING ACCOMES	ASSIGNATE SIGNATURE	200
Title Consultancy Services Linged Title Research Device (4:3):east Plane 411013, Materialistic India 3:FULL NAME OF THEO ASSISTICK, IF ANY		RESIDENCE India
SAULING ADDRESS	CSIGNORS SIGNATURE	31 344-2418
Alle Consistency Services Limited, 1 also Research Develop Haderises, Print - 4 (1013) Methorseines, India 4 FLLL NAME OF FOURTH ASSISTMENT IF ANY		
KUMAN, Hara WAILING ADDRESS	ASSIGNORS SIGNATURE	DATE:
Rempur (Pursi) Total, P.S-Suryagarta, Danna – Lakissan	I. Pin - 511310, Other traffe	PESIDENCE India

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~RECORDED: 09/16/2019