PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2909898

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| DEBATRI CHATTERJEE | 06/21/2014 |
| ARIJIT SINHARAY | 06/21/2014 |
| ANIRUDDHA SINHA | 06/21/2014 |
| ARPAN PAL | 06/21/2014 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14312100 |

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: deborah.eddins@finnegan.com

Correspondent Name: DEBORAH A. EDDINS
Address Line 1: 901 NEW YORK AVE., N.W.
Address Line 4: WASHINGTON, D.C. 20001

NAME OF SUBMITTER:DEBORAH A. EDDINSSIGNATURE:/Deborah A. Eddins/DATE SIGNED:06/23/2014

Total Attachments: 2

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PATENT 502863301 REEL: 033159 FRAME: 0477

ASSIGNMENT

| WHEREAS, ASSIGNORS, comprising of the following named inventors: Debatri Chatterjee, | | | | |
|--|--|--|--|--|
| Arijit Sinharay, Aniruddha Sinha, Arpan Pal have invented, conceived, reduced to practice, invention | | | | |
| for "Evaluating Onscreen Keyboard" (hereinafter the "Invention"), for Patent Application No. | | | | |
| was filed onhereinafter the "Application"); and | | | | |
| WHEREAS, ASSIGNEE, Tata Consultancy Services Limited, an Indian Company, having a | | | | |
| principal place of business at Nirmal Building, 9th Floor, Nariman Point, Mumbal 400021, Maharashtra, | | | | |
| India is desirous of acquiring the entire right, title and interest in, to an under the Invention, application | | | | |
| and patents to be obtained thereon; | | | | |
| NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNORS the sum of | | | | |
| One Dollar (\$1.90), the receipt of which is hereby acknowledged, and for other good and valuable | | | | |
| consideration, ASSIGNORS do hereby sell, assign and transfer and set over to ASSIGNEE, its | | | | |
| successors, legal representatives and assigns, the entire right, title and interest throughout the world, in | | | | |
| the invention including, but not limited to , any patent rights, and any patent application(s), claiming | | | | |
| priority thereto, that have been or may hereafter be filed; | | | | |
| ASSIGNORS, do hereby covenant that no assignment, sale, agreement, charge or other | | | | |
| encumbrance, has been, or will be, entered into which would conflict with this assignment; | | | | |
| ASSIGNORS, do hereby coveriant and agree to provide any tangible property embodying or | | | | |
| describing the invention, including, without limitation, all documents, drawings, prototypes, models, test | | | | |
| results, designs, materials, computer programs and data, and the like, which, if not presently in the | | | | |
| possession of ASSIGNEE will be delivered to ASSIGNEE immediately upon request; | | | | |
| ASSIGNORS, do hereby coverant and agree to do everything possible to aid ASSIGNEE; its | | | | |
| successors, legal representatives and assigns obtain and enforce proper patent protection for the | | | | |
| invention in all countries including assisting with the preparation of any application relating to the | | | | |
| invention; | | | | |
| ASSIGNORS, do hereby covenant and agree not to contest the validity or enforceability of any | | | | |
| intellectual property rights assigned herein, or to assist or request any third party to contest the validity or | | | | |
| enforceability of any intellectual property rights assigned herein; | | | | |
| ASSIGNORS do hereby release and forever discharge ASSIGNEE from any and all claims. | | | | |
| Including but not limited to debts, liabilities, damages and causes of action of whatsoever kind or nature | | | | |
| relating to the Invention, whether or not known, suspected and unsuspected, including any and all | | | | |
| previous agreements entered into, which now exist, or may have existed prior to the date of this | | | | |
| assignment. | | | | |
| | | | | |
| | | | | |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this day of June 2013; | | | | |
| | | | | |
| Signature: <u>Debatei Chatterjee</u> | | | | |
| Name: Debatri Chatterjee | | | | |
| | | | | |
| | | | | |
| IN TESTIMONY WHEREOF, I have hereunto set my hand this 24 day of 3500 2013 | | | | |
| Signature: | | | | |
| | | | | |
| Name: Artiit Sinharay | | | | |

PATENT REEL: 033159 FRAME: 0478

| IN TESTIMONY WHEREOF, I have hereunto set my | hand this day of | 34 |
|--|-----------------------------|-----|
| | Signature: Animueldho Sii | Lo |
| | Name: Anirudaha Sinha | |
| IN TESTIMONY WHEREOF, I have hereunto set my | hand this 21 day of 30ne 20 | 134 |
| | Signature: | |
| | Name: Arpan Pal | |

PATENT REEL: 033159 FRAME: 0479

RECORDED: 06/23/2014