

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| 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>Prabhu Arumugham</td> <td>07/11/2011</td> </tr> <tr> <td>Nisha Augustine</td> <td>07/11/2011</td> </tr> <tr> <td>Ruby Felecia Noel</td> <td>07/11/2011</td> </tr> <tr> <td>Bhanu Raju</td> <td>07/11/2011</td> </tr> <tr> <td>Prabhu Subramaniam</td> <td>07/11/2011</td> </tr> </tbody> </table> | | Name | Execution Date | Prabhu Arumugham | 07/11/2011 | Nisha Augustine | 07/11/2011 | Ruby Felecia Noel | 07/11/2011 | Bhanu Raju | 07/11/2011 | Prabhu Subramaniam | 07/11/2011 |
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| Prabhu Arumugham | 07/11/2011 | | | | | | | | | | | | |
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| Ruby Felecia Noel | 07/11/2011 | | | | | | | | | | | | |
| Bhanu Raju | 07/11/2011 | | | | | | | | | | | | |
| Prabhu Subramaniam | 07/11/2011 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| Name: | TATA CONSULTANCY SERVICES LIMITED | | | | | | | | | | | | |
| Street Address: | Nirmal Building, 9th Floor | | | | | | | | | | | | |
| Internal Address: | Nariman Point, Maharashtra | | | | | | | | | | | | |
| City: | Mumbai | | | | | | | | | | | | |
| State/Country: | INDIA | | | | | | | | | | | | |
| Postal Code: | 400021 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13100944</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13100944 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 13100944 | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | |
| Fax Number: | | | | | | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | | | |
| Phone: | 5093249256 | | | | | | | | | | | | |
| Email: | amandas@leehayes.com | | | | | | | | | | | | |
| Correspondent Name: | Lee & Hayes, pllc | | | | | | | | | | | | |
| Address Line 1: | 601 W Riverside | | | | | | | | | | | | |
| Address Line 2: | Suite 1400 | | | | | | | | | | | | |
| Address Line 4: | Spokane, WASHINGTON 99201 | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | L030-0001US | | | | | | | | | | | | |

OP \$40.00 13100944

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| NAME OF SUBMITTER: | Amanda Sasser |
| Signature: | /Amanda Sasser/ |
| Date: | 06/24/2013 |
| Total Attachments: 3 source=RC9102#page1.tif source=RC9102#page2.tif source=RC9102#page3.tif | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....13/100,944
Filing Date.....5/4/2011
Inventorship.....Arumugham et al.
Applicant.....TATA CONSULTANCY SERVICES LIMITED
Attorney's Docket No.L030-0001US
Client Docket No.....PD001818US-CON
Title: Testing Lifecycle

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Prabhu Arumugham
Tata Consultancy Services
Digital Zone, No. 79
IT Highway, Karapakkam
Chennai 600096, India

Nisha Augustine
Tata Consultancy Services
Digital Zone, No. 79
IT Highway, Karapakkam
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Ruby Felecia Noel
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Bhanu Raju
Tata Consultancy Services
Digital Zone, No. 79
IT Highway, Karapakkam
Chennai 600096, India

Prabhu Subramaniam
Tata Consultancy Services
Digital Zone, No. 79
IT Highway, Karapakkam
Chennai 600096, India

Assignee:

TATA CONSULTANCY SERVICES LIMITED
Nirmal Building, 9th Floor, Nariman Point, Maharashtra
400021 Mumbai, India

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled
"Testing Lifecycle " for which:

a provisional application for United States Letters Patent was filed on _____ and
was given U.S. Serial No. _____ and/or

a non-provisional application for United States Letters Patent was:

filed on 5/4/2011 and was given U.S. Serial No. 13/100,944 ; or filed
concurrently herewith. Assignors hereby authorize and request ASSIGNEE's legal
representatives, of Lee & Hayes, PLLC, 601 W Riverside Ave, Suite 1400, Spokane, Washington
99201, who are associated with customer number 29150, to insert in the caption above the serial
number and filing date of the patent application when known.

WHEREAS, TATA CONSULTANCY SERVICES LIMITED (hereinafter referred to as
ASSIGNEE), a corporation of the State of _____ having a place of business at Nirmal Building, 9th
Floor,, , _____, is desirous of acquiring the entire right, title and interest in and to the invention and
in and to any letters patent that may be granted therefore in the United States and in any and all
foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of
which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE,
the entire right, title and interest in and to said invention, said application and any and all
letters patent which may be granted for said invention in the United States of America and its
territorial possessions and in any and all foreign countries, and in any and all divisions, reissues
and continuations thereof, including the right to file foreign applications directly in the name of

ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

11-JUL-2011
Date

Prabhu Arumugham
Prabhu Arumugham

11-Jul-2011
Date

Nisha Augustine
Nisha Augustine

11-JUL-2011
Date

Ruby Felecia Noel
Ruby Felecia Noel

11-July-2011
Date

Bhanu Raju
Bhanu Raju

11-July-2011
Date

Prabhu Subramaniam
Prabhu Subramaniam