

Form PTO-1595 (Rev. 06/04)

OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):Tata Sons Limited (Tata Consultancy Services
Division)Execution Date(s) October 29, 2004Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)Name: Tat Consultancy Services Limited

Internal Address: _____

Street Address: 11th Floor, Air India BuildingCity: Nariman PointState: MumbaiCountry: India Zip: 400 021Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.**A. Patent Application No.(s)**

10/038,012	10/078,964	10/622,324
10/052,071	10/083,174	10/412,364
10/071,981	10/114,561	10/874,884
10/059,696	10/038,127	

Additional numbers attached? ☐ Yes ☒ No**B. Patent No.(s)****5. Name and address to whom correspondence concerning document should be mailed:**Name: Donald R. Boys

Internal Address: _____

Street Address: P.O. Box 187City: AromasState: CA Zip: 95004Phone Number: 831-726-1457Fax Number: 831-726-3475Email Address: rexboys@centralcoastpatent.com**6. Total number of applications and patents involved:**11**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 440.00**

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 50-0534Authorized User Name Mark A. Boys**9. Signature:**

Signature

11/16/2004

Date

Mark A. Boys

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

12

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

PATENT**REEL: 015382 FRAME: 0869****700131752**

CH \$440.00 600634 10038012

ASSIGNMENT (P8000)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building**, **Nariman Point**, **Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number 10/038,012, filed 01/02/2002, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.



Raghavan Ramachandra Shastri
General Manager and Deputy Company Secretary, Tata Sons Limited

29 OCT 2004

Date

PATENT

REEL: 015382 FRAME: 0870

ASSIGNMENT (P8001)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/052,071**, filed **01/16/2002**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.



29 OCT 2004

Raghavan Ramachandra Shastri
General Manager and Deputy Company Secretary, Tata Sons Limited

Date

ASSIGNMENT (P8002)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/071,981**, filed **02/05/2002**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.



Raghavan Ramachandra Shastri
General Manager and Deputy Company Secretary, Tata Sons Limited

29 OCT 2004

Date

ASSIGNMENT (P8003)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building**, **Nariman Point**, **Mumbai-400 021**, **India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number 10/059,696, filed 01/28/2002, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.



29 OCT 2004

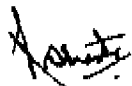
Raghavan Ramachandra Shastri
General Manager and Deputy Company Secretary, **Tata Sons Limited**

Date

ASSIGNMENT (P8004)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/078,964**, filed **02/19/2002**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.

**29 OCT 2004****Raghavan Ramachandra Shastri****Date****General Manager and Deputy Company Secretary, Tata Sons Limited**

ASSIGNMENT (P8005)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the **11th Floor, Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/083,174**, filed **02/25/2002**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; and

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.

Raghavan Ramachandra Shastri **Date**
General Manager and Deputy Company Secretary, Tata Sons Limited

29 OCT 2004

Date _____

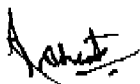
PATENT

REEL: 015382 FRAME: 0875

ASSIGNMENT (P8006)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/114,561**, filed **04/01/2002**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; and

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.



29 OCT 2004

Raghavan Ramachandra Shastri**Date****General Manager and Deputy Company Secretary, Tata Sons Limited****PATENT****REEL: 015382 FRAME: 0876**

ASSIGNMENT (P8007)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, Tata Consultancy Services Limited (having its principal place of business at the 11th Floor, **Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/038,127**, filed **02/10/2004**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.

**29 OCT 2004****Raghavan Ramachandra Shastri****Date****General Manager and Deputy Company Secretary, Tata Sons Limited**

ASSIGNMENT (P8008)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number 10/622,324, filed 07/17/2003, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.



29 OCT 2004

Raghavan Ramachandra Shastri**Date****General Manager and Deputy Company Secretary, Tata Sons Limited**

ASSIGNMENT (P8009)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building**, **Nariman Point**, **Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/412,364**, filed **04/10/2003**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.

**29 OCT 2004****Raghavan Ramachandra Shastri****Date****General Manager and Deputy Company Secretary, Tata Sons Limited**

ASSIGNMENT (P8010)

For good and valuable consideration, receipt of which is hereby acknowledged, We, **Tata Sons Limited**, do hereby sell, assign and transfer unto, **Tata Consultancy Services Limited** (having its principal place of business at the 11th Floor, **Air India Building, Nariman Point, Mumbai-400 021, India**, hereinafter called the "Assignee"), its successors and assigns, the entire world-wide title, interest and right, including the right of priority controlled by me, in, to and under Letters Patent of the United States, the application(s) which bear serial number **10/874,884**, filed **06/22/2004**, and the invention and any of them therein set forth and described, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore based on the original application for said U.S. Letters Patent; **and**

For the above consideration I agree promptly upon request of the Assignee, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to the Assignee, its successors and assigns, the inventions and any of them, described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of appeal and interference proceedings involving said inventions and in the adjudication or re-examination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance be paid by the Assignee.



Raghavan Ramachandra Shastri
General Manager and Deputy Company Secretary, Tata Sons Limited

29 OCT 2004

Date