# PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4953101

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

**CONVEYING PARTY DATA**

| Name | Execution Date |
|---|---|
| CHRISTOPHER P. RICCI | 06/12/2014 |

**RECEIVING PARTY DATA**

| | |
|---|---|
| Name: | FLEXTRONICS AP, LLC |
| Street Address: | 6201 AMERICA CENTER DRIVE |
| City: | SAN JOSE |
| State/Country: | CALIFORNIA |
| Postal Code: | 95002 |

**PROPERTY NUMBERS Total: 1**

| Property Type | Number |
|---|---|
| Application Number: | 15138108 |

**CORRESPONDENCE DATA**

| | |
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| ATTORNEY DOCKET NUMBER: | 51263-00250 |
|---|---|
| NAME OF SUBMITTER: | ROBERT G. CROUCH |
| SIGNATURE: | /ROBERT G. CROUCH/ |
| DATE SIGNED: | 05/09/2018 |

**Total Attachments: 5**
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# Worldwide Assignment

WHEREAS, I, **Christopher P. Ricci**, have made certain new and useful inventions disclosed and/or claimed in the patent applications herein listed in Exhibit A ("Applications"); and

WHEREAS, **Flextronics AP, LLC** ("ASSIGNEE"), a limited liability company duly registered in the State of Colorado, whose postal address is 6201 America Center Drive, San Jose, California 95002, desires to acquire the entire right, title, and interest in and to the inventions, the applications, and any Letters Patent to be granted for the inventions in the United States and in all foreign countries;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt and sufficiency of which I acknowledge, I have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the inventions disclosed and/or claimed in the Applications (hereinafter "Inventions"), all applications claiming benefit of the Applications, including, but not limited to, each divisional, continuation, and continuation-in-part of the Applications, and all Letters Patent, Utility Models, Extension and other patent rights, that may be granted thereon in the United States, Canada and in all foreign countries, and all reissues and reexaminations thereof, together with the right to claim priority under the International Convention in all member countries; and I authorize and request the Director of Patents and Trademarks to issue all Letters Patent for the Inventions to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I covenant and agree that I have the full right to convey the entire right, title, and interest herein assigned and that I have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the Inventions in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me regarding the Inventions, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the Inventions in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, continuation-in-part, reissue and reexamination applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I further hereby authorize ASSIGNEE, or its attorneys or agents, to insert the correct Application Numbers and Filing Dates into this Assignment, if none is indicated on that date of my execution of this agreement.

IN WITNESS WHEREOF, I have executed this Assignment on the date indicated below.

Signature: _____

Date: _____June 12, 2014_____

Full Name: Christopher P. Ricci

Address: 20650 4th Street, Unit 2

Saratoga, California 95070

USA

| File No. | Title | Serial No. | Filing Date |
|---|---|---|---|
| 6583-528-PROV | Gesture Control of Vehicle Features | 61/865,954 | 8/14/2013 |
| 6583-528-PROV-2 | Gesture Control and User Profiles Associated with Vehicle Features | 61/870,698 | 8/27/2013 |
| 6583-528-PROV-3 | Gesture Control and User Profiles Associated with Vehicle Features | 61/891,217 | 10/15/2013 |
| 6583-528-PROV-4 | Gesture Control and User Profiles Associated with Vehicle Features | 61/904,205 | 11/14/2013 |
| 6583-528-PROV-5 | Gesture Control and User Profiles Associated with Vehicle Features | 61/924,572 | 1/7/2014 |
| 6583-530 | Vehicle Registration to Enter Automated Control of Vehicular Traffic | 14/253,843 | 4/15/2014 |
| 6583-537 | Relay and Exchange Protocol in an Automated Zone-Based Vehicular Traffic Control Environment | 14/253,836 | 4/15/2014 |
| 6583-538 | Traffic Consolidation Based on Vehicle Destination | 14/253,840 | 4/15/2014 |
| 6583-543 | Building Profiles Associated with Vehicle Users | 14/253,213 | 4/15/2014 |
| 6583-544 | Access and Portability of User Profiles Stored as Templates | 14/252,863 | 4/15/2014 |
| 6583-545 | Global Standard Template Creation, Storage, and Modification | 14/253,216 | 4/15/2014 |
| 6583-546 | User Profile Exchange via Vehicle Supported Communications Protocol | 14/252,865 | 4/15/2014 |
| 6583-547 | User Interface and Virtual Personality Presentation Based on User Profile | 14/253,240 | 4/15/2014 |
| 6583-548 | Suspending User Profile Modification Based on User Context | 14/253,220 | 4/15/2014 |
| 6583-549 | Creating Targeted Advertising Profiles Based on User Behavior | 14/253,315 | 4/15/2014 |
| 6583-550 | Behavior Modification via Altered Map Routes Based on User Profile Information | 14/253,706 | 4/15/2014 |
| 6583-551 | Transfer of User Profile Data via Vehicle Agency Control | 14/252,868 | 4/15/2014 |
| 6583-553 | Travel Route Alteration Based on User Profile and Business | 14/253,745 | 4/15/2014 |
| 6583-554 | Travel Translation and Assistance Based on User Profile Data | 14/253,752 | 4/15/2014 |
| 6583-555 | Travel Itinerary Based on User Profile Data | 14/253,729 | 4/15/2014 |
| 6583-556 | Vehicle Location-Based Home Automation Triggers | 14/252,934 | 4/15/2014 |
| 6583-557 | Adjusting Home Automation Comfort Based on Vehicle Associated User Profile Data | 14/253,243 | 4/15/2014 |
| 6583-558 | Providing Home Automation Information via Communication with a Vehicle | 14/252,978 | 4/15/2014 |

Initials

| File No. | Title | Serial No. | Filing Date |
|---|---|---|---|
| 6583-559 | Vehicle Initiated Communications with Third Parties via Virtual Personality | 14/253,023 | 4/15/2014 |
| 6583-560 | Guest Vehicle User Reporting | 14/252,871 | 4/15/2014 |
| 6583-561 | Customization of Vehicle Controls and Settings Based on User Profile Data | 14/253,204 | 4/15/2014 |
| 6583-562 | Vehicle Intruder Alert Detection and Indication | 14/253,099 | 4/15/2014 |
| 6583-563 | Vehicle Damage Detection and Indication | 14/253,330 | 4/15/2014 |
| 6583-564 | Vehicle Maintenance and Warranty Compliance Detection | 14/253,351 | 4/15/2014 |
| 6583-565 | Driver Facts Behavior Information Storage System | 14/252,858 | 4/15/2014 |
| 6583-566 | Vehicle and Device Software Updates Propagated via Viral Communication Contact | 14/253,034 | 4/15/2014 |
| 6583-567 | Synchronization Between Vehicle and User Device Calendar | 14/253,405 | 4/15/2014 |
| 6583-568 | Parental Control over Vehicle Features and Child Alert System | 14/252,876 | 4/15/2014 |
| 6583-569 | User Gesture Control of Vehicle Features | 14/253,321 | 4/15/2014 |
| 6583-570 | Storing User Gestures in a User Profile Data Template | 14/253,226 | 4/15/2014 |
| 6583-571 | Control of Vehicle Features Based on User Recognition and Identification | 14/253,492 | 4/15/2014 |
| 6583-574 | Central Network for the Automated Control of Vehicular Traffic | 14/253,838 | 4/15/2014 |
| 6583-585 | Vehicle-Based Multimode Discovery | 14/253,312 | 4/15/2014 |
| 6583-586 | Simultaneous Video Streaming Across Multiple Channels | 14/253,334 | 4/15/2014 |
| 6583-587 | Providing Gesture Control of Associated Vehicle Functions across Vehicle Zones | 14/253,476 | 4/15/2014 |
| 6583-588 | Remote Control of Associated Vehicle Devices | 14/253,371 | 4/15/2014 |
| 6583-589 | Splitting Mission Critical Systems and Infotainment between Operating Systems | 14/253,393 | 4/15/2014 |
| 6583-590 | Health Statistics and Communications of Associated Vehicle Users | 14/253,233 | 4/15/2014 |
| 6583-591 | Automatic Communication of Damage and Health in Detected Vehicle Incidents | 14/253,376 | 4/15/2014 |
| 6583-594 | Positional Based Movements and Accessibility of Features Associated with a Vehicle | 14/253,396 | 4/15/2014 |
| 6583-595 | Vehicle Zone-Based Intelligent Console Display Settings | 14/253,416 | 4/15/2014 |
| 6583-596 | Universal Vehicle Voice Command System | 14/253,435 | 4/15/2014 |
| 6583-597 | Multi-Vehicle Shared Communications Network and Bandwidth | 14/253,446 | 4/15/2014 |

Initials

| File No. | Title | Serial No. | Filing Date |
|---|---|---|---|
| 6583-598 | Vehicle to Vehicle Social and Business Communications | 14/253,048 | 4/15/2014 |
| 6583-599 | Automatic Device and Vehicle Pairing via Detected Emitted Signals | 14/253,424 | 4/15/2014 |
| 6583-600 | Shared Navigational Information between Vehicles | 14/253,058 | 4/15/2014 |
| 6583-601 | Vehicle to Vehicle Safety and Traffic Communications | 14/253,006 | 4/15/2014 |
| 6583-602 | Configurable Dash Display Based on Detected Location and Preferences | 14/253,022 | 4/15/2014 |
| 6583-603 | Control of Vehicle Features Based on Weather and Location Data | 14/253,060 | 4/15/2014 |
| 6583-604 | Automatic Payment of Fees Based on Vehicle Location and User Detection | 14/253,135 | 4/15/2014 |
| 6583-605 | Universal Vehicle Notification System | 14/253,486 | 4/15/2014 |
| 6583-607 | Infotainment System Based on User Profile | 14/253,251 | 4/15/2014 |
| 6583-608 | Transfer of Displayed Content Among Devices in a Vehicle | 14/253,426 | 4/15/2014 |
| 6583-609 | Automatic Vehicle Diagnostic Detection and Communication | 14/253,388 | 4/15/2014 |
| 6583-610 | Vehicle Diagnostic Detection through Sensitive Vehicle Skin | 14/253,406 | 4/15/2014 |
| 6583-611 | Information Shared between a Vehicle and User Devices | 14/253,464 | 4/15/2014 |
| 6583-614 | Communication of Automatically Generated Shopping List to Vehicles and Associated Devices | 14/253,755 | 4/15/2014 |
| 6583-615 | Pedestrian Monitoring Application | 14/253,015 | 4/15/2014 |
| 6583-616-PROV | Method and System for Providing Infotainment in a Vehicle | 61/926,749 | 1/13/2014 |
| 6583-619 | Proactive Machine Learning in a Vehicular Environment | 14/253,727 | 4/15/2014 |
| 6583-620 | Facial Recognition Database Created from Social Networking Sites | 14/253,199 | 4/15/2014 |
| 6583-621 | Automatic Camera Image Retrieval Based on Route Traffic and Conditions | 14/253,067 | 4/15/2014 |
| 6583-622 | Automatic Alert Sent to User Based on Host Location Information | 14/253,144 | 4/15/2014 |
| 6583-623 | Radar Sensing and Emergency Response Vehicle Detection | 14/253,078 | 4/15/2014 |
| 6583-624 | Vehicle Diagnostics and Roadside Assistance | 14/253,423 | 4/15/2014 |
| 6583-625 | Detection and Reporting of Individuals Outside of a Vehicle | 14/253,091 | 4/15/2014 |
| 6583-626 | Destination and Travel Information Application | 14/253,743 | 4/15/2014 |
| 6583-627 | Shopping Cost and Travel Optimization Application | 14/253,766 | 4/15/2014 |

Initials

| File No. | Title | Serial No. | Filing Date |
|---|---|---|---|
| 6583-628 | Configuration of Haptic Feedback and Visual Preferences in Vehicle User Interfaces | 14/253,470 | 4/15/2014 |
| 6583-629 | Customization of Vehicle User Interfaces Based on User Intelligence | 14/253,341 | 4/15/2014 |
| 6583-637 | Intelligent Vehicle for Assisting Vehicle Occupants | 14/253,506 | 4/15/2014 |
| 6583-638 | Vehicle Crate for Blade Processors | 14/253,526 | 4/15/2014 |
| 6583-543-PCT | Building Profiles Associated with Vehicle Users | PCT/US14/34092 | 4/15/2014 |
| 6583-544-PCT | Access and Portability of User Profiles Stored as Templates | PCT/US14/34099 | 4/15/2014 |
| 6583-547-PCT | User Interface and Virtual Personality Presentation Based on User Profile | PCT/US14/34087 | 4/15/2014 |
| 6583-549-PCT | Creating Targeted Advertising Profiles Based on User Behavior | PCT/US14/34088 | 4/15/2014 |
| 6583-550-PCT | Behavior Modification Via Altered Map Routes Based on User Profile Information | PCT/US14/34232 | 4/15/2014 |
| 6583-556-PCT | Vehicle Location-Based Home Automation Triggers | PCT/US14/34098 | 4/15/2014 |
| 6583-559-PCT | Vehicle Initiated Communications with Third Parties Via Virtual Personality | PCT/US14/34108 | 4/15/2014 |
| 6583-562-PCT | Vehicle Intruder Alert Detection and Indication | PCT/US14/34101 | 4/15/2014 |
| 6583-565-PCT | Driver Facts Behavior Information Storage System | PCT/US14/34103 | 4/15/2014 |
| 6583-567-PCT | Synchronization Between Vehicle and User Device Calendar | PCT/US14/34114 | 4/15/2014 |
| 6583-569-PCT | User Gesture Control of Vehicle Features | PCT/US14/34125 | 4/15/2014 |
| 6583-574-PCT | Central Network for the Automated Control of Vehicular Traffic | PCT/US14/34254 | 4/15/2014 |
| 6583-585-PCT | Intelligent Vehicle for Assisting Vehicle Occupants and Incorporating Vehicle Crate for Blade Processors | PCT/US14/34194 | 4/15/2014 |

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