PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3036437

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID WOLFF	09/22/2014
NISCHAL PATEL	09/22/2014
JOHN COOKE	09/22/2014

RECEIVING PARTY DATA

Name:	VERIZON PATENT AND LICENSING INC.
Street Address:	ONE VERIZON WAY
City:	BASKING RIDGE
State/Country:	NEW JERSEY
Postal Code:	07920

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14495176

CORRESPONDENCE DATA

Fax Number: (571)432-0808

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.

Phone: 5714320800

Email: neways@harrityllp.com
Correspondent Name: HARRITY & HARRITY LLP
Address Line 1: 11350 RANDOM HILLS ROAD

Address Line 2: SUITE 600

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	20140898	
NAME OF SUBMITTER:	PAUL M. GURZO	
SIGNATURE:	/Paul M. Gurzo, Reg. No. 67,478/	
DATE SIGNED:	09/24/2014	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 3

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PATENT 502989838 REEL: 033808 FRAME: 0264

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VZ Docket No.: 20140898

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: MANAGING TRANSMISSION DEPENDENT HANDOVERS

the patent application for vehicle. Si is being filed concurrently benevith, Application Number	
As the below named inventor, I bereby declare that: ** the above-identified application was made or authorized to be made by me; ** I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and ** I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not assere than five (5) years, or booth. ** Inventor Assignment Acknowledgement For good and valuable consideration, the receipt of which is hereby acknowledgement** For good and valuable consideration, the receipt of which is hereby acknowledgement** A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwist right, title and interest in and to any and still investions used office ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provide a seven and to said application in and to all original and reissued, reissues based on any of said report of the above-identified patent applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on the been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all original and reissued there Patent Rights"). Letters Patent which been or shall be issued in the United States and foreign countries from any of said applications or registrations and resistance and been a seal foreign countries from any of said applications or registrations; and in and to all original and reissued Patent Rights. **Assistance of the Patent Rights** The same and foreign countries from any of said applications or registrations; and in and to all rights of priority resistalting from the patent Rights when requested by Assignee and beer	X is being filed concurrently herewith, Application Number to be assigned by the USPTO, or was filed on as United States Application Number or PCT International Application
the above-identified application was made or authorized to be made by me; I believe that I sun the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and I bereby acknowledge that any willful false statement made in this declaration is punishable under I8 U.S.C. § 1001 by fine or imprisonment of act ascere than five (5) years, an both. Inventor Assignment Acknowledgement For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows: A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwish right, tide and interest in and to say used all inventions and ether ideas described in the shove-identified pagent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other application or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations, and in and to all right of priority resulting from the filing of any of said applications or registrations and in a total original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries bear of any of said applications or registrations, and in and to all right of priority resulting from the filing of any of said applications or registrations and the result of a little of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as deferred shall include, which sains all include, which sains and in the sain and foreign countries bear and any other form of indu	Declaration of Inventor
I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not ascere than five (5) years, as hould. Inventor Assignment Acknowledgement For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows: A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwisd right, title and interest in and to said applications and orsker ideas described in the above-identified patent application, as well as it and to said application and all divisional; continuing (in whole or in part), substitute, renewal, reissue, provisional or other application or registrations for Letters Patent which have been or shall be filled in the United States and of foreign countries based on any of said application and it and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from mny of said applications or registrations; and in and to all right of priority resulting from the filing of any of said applications or registrations or registrations; and in and to all right of priority resulting from the filing of any of said applications or registrations or registrations; and in and to all right of priority resulting from the filing of any of said applications or registrations or registrations; and in and to all right of priority resulting from the filing of any of said applications or registrations or registrations; and in and to all right of priority resulting from the filing of any of said applications or registrations or registrations and resulting the said promote from the filing of any of said applications or registrations and resulting registrations or registrations or registrations or registrations or registrations or registrations or regi	As the below named inventor, I besety declare that:
For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows: A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwiding fifth, fide and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be filled in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all right of priority resulting from the filling of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as used berein shall include, without firmitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee), and the Patent Rights when requested by Assignee (or its successors and assigns) without compensation (but at Assignee), its in the I appoint Assignee (acting through its representatives) as my attorney-in-fact, such appointment being invevocable and coupled with the interest in the Patent Rights, with ful authority in my place and stead and in my name to take any action and to execute	 I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine
A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as it and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent at used herein shall include, without limitation, panents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignet (or its successors and/or assigns) without compensation (but at Assignee's expense),; (iii) that I appoint Assignee (acting through the representatives) as my attorney-in-fact, such appointment being trevocable and coupled with the interest in the Patent Rights, with ful authority in my place and stead and in my name to take any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this assignment, including the execution and filing of the papers identified in par (ii) in my name where permitted by law; (iv) to communicate to Assignee, its	Inventor Assignment Acknowledgement
right, fifthe and interest in and to says and all inventions and other ideas described in the shove-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, resp. provisional or other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent a used herein shall include, without limitation, parents, mility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property. B. I agree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee (or its successors and/or assigns) without compensation (but at Assignee's expense), (iii) that I appoint Assignee may design through its representatives) as my attorney-in-fact, such appointment being inrevocable and coupled with the interest in the Patent Rights, with ful authority in my place and stead and in my name to take any action and to execute any document which Assignee may demand and to execute any document which Assignee may demand reasonably necessary or advisable to accomplish the purposes of this assignment, including the execution and filing of the papers identified in part (ii) in my name where permitted by law; (iv) to communicate to Assignee, its successors, assigns, representativ	For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows:
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Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me. ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below: Full legal name of Inventor: David WOLFF Address: 2855 Pinecreek Drive, Apartment B315, Costa Mesa, CA 92626	all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assigne (or its successors and/or assigns) without compensation (but at Assignee's expense),; (iii) that I appoint Assignee (acting through it representatives) as my attorney-in-fact, such appointment being irrevocable and coupled with the interest in the Patent Rights, with fur authority in my place and stead and in my name to take any action and to execute any document which Assignee may deem reasonably necessary or advisable to accomplish the purposes of this assignment, including the execution and filing of the papers identified in part (ii) in my name where permitted by law; (iv) to communicate to Assignee, its successors, assigns, representatives and agents, all fact known to me relating to said Patent Rights and the history thereof; and (v) to generally do everything which Assignee, its successors assigns, representatives or agents shall consider desirable for aiding in securing and maintaining proper protection for said Patent Rights
Way, Basking Ridge, NJ 07920 US IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below: Full legal name of Inventor: David WOLFF Address: 2855 Pinecreek Drive, Apartment B315, Costa Mesa, CA 92626	C. I covenant with Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me.
as set forth below: Full legal name of Inventor: <u>David WOLFF</u> Address: <u>2855 Pinecreek Drive</u> , Apartment <u>B315</u> , Costa Mesa, CA 92626	ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US
Address: 2855 Pinecreek Drive, Apartment B315, Costa Mesa, CA 92626	
9 10/11/	Full legal name of Inventor: David WOLFF
	9 10/11

VZ Docket No.: 20140898

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: MANAGING TRANSMISSION DEPENDENT HANDOVERS

Signature:

the patent application for which:
is being filed concurrently herewith, Application Number to be assigned by the USPTO, or □ was filed on as United States Application Number or PCT International Application
Number.
No state of the st
Declaration of Inventor
As the below named inventor, I bereby declare that:
or the state of th
 the above-identified application was made or authorized to be made by me; I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced
 I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and
 Thereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine
or imprisonment of not more than five (5) years, or both.
Inventor Assignment Acknowledgement
For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows:
A. Thereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide
right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in
and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications
or registrations for Letters Putent which have been or shall be filed in the United States and all foreign countries based on any of said
inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have
been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights
of priority resulting from the filing of any of said applications or registrations (all collectively, the "Patent Rights"). Letters Patent as
used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property
recognized under the Paris Convention for the Protection of Industrial Property.
B. Lagree (i) that Assignee may apply for and receive Letters Patent based on the Patent Rights in its own name; (ii) that I will execute
all rightful oaths, declarations, assignments, powers of attorney and other papers related to the Patent Rights when requested by Assignee
(or its successors and/or assigns) without compensation (but at Assignee's expense); (iii) that I appoint Assignee (acting through its
representatives) as my afformey-in-fact, such appointment being irrevocable and coupled with the interest in the Patent Rights, with full
authority in my place and stead and in my name to take any action and to execute any document which Assignee may deem reasonably
necessary or advisable to accomplish the purposes of this assignment, including the execution and filing of the papers identified in part
(if) in my name where permitted by law; (iv) to communicate to Assignee, its successors, assigns, representatives and agents, all facts
known to me relating to said Patent Rights and the history thereof; and (v) to generally do everything which Assignee, its successors, assigns, representatives or agents shall consider desirable for aiding in securing and maintaining proper protection for said Patent Rights
and for vesting title to said Patent Rights in Assignee, its successors and assigns.
C. I covenant with Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the
Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me.
ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon.
Way, Basking Ridge, NJ 07920 US
IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed
as set forth below:
Full legal name of Inventor: Nischal PATEL.
Address: 154 Charleston Lane, Gilberts, IL 60136
/ /

VZ Docket No.: 20140898

DECLARATION AND ASSIGNMENT FOR PATENT APPLICATION

Patent Application Title: MANAGING TRANSMISSION DEPENDENT HANDOVERS

the patent application for which: is being filed concurrently herewith, Application Number to be assigned by the USPTO, or was filed on as United States Application Number or PCT International Application Number	***
Declaration of Inventor	

As the below named inventor, I hereby declare that:

- · the above-identified application was made or authorized to be made by me;
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-referenced application; and
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor Assignment Acknowledgement

For good and valuable consideration, the receipt of which is hereby acknowledged, I agree as follows:

- A. I hereby assign to the Verizon legal entity identified below ("Assignee"), including its successors and assigns, my entire worldwide right, title and interest in and to any and all inventions and other ideas described in the above-identified patent application, as well as in and to said application and all divisional, continuing (in whole or in part), substitute, renewal, reissue, provisional or other applications or registrations for Letters Patent which have been or shall be filed in the United States and all foreign countries based on any of said inventions or ideas, or based on or claiming priority to said application; and in and to all original and reissued Letters Patent which have been or shall be issued in the United States and foreign countries from any of said applications or registrations; and in and to all rights of priority resulting from the filing of any of said applications (all collectively, the "Patent Rights"). Letters Patent as used herein shall include, without limitation, patents, utility models, industrial designs, and any other form of industrial property recognized under the Paris Convention for the Protection of Industrial Property.
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- C. I covenant with Assignee, its successors and assigns, that no assignment, grant, mortgage, license, or other agreement affecting the Patent Rights has been made to others by me, and that full right to convey the same as set forth herein is possessed by me.

ASSIGNEE: Verizon Patent and Licensing Inc., a Delaware Corporation with a place of business at One Verizon Way, Basking Ridge, NJ 07920 US

IN WITNESS to my agreement to the foregoing Declaration of Inventor and Inventor Assignment Acknowledgement, I have executed as set forth below:

Full legal name of Inventor: John COOKE

Address: 7306 Swan Way, Cary, IL 60013

RECORDED: 09/24/2014

Signature: John J. Cook

______Date: 9/22/14