

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALIN POPESCU	10/11/2016
PHILIP STANHOPE	10/11/2016
ARUN MEHRA	10/18/2016
STEPHEN HULSHOF	11/16/2016
BRIAN PREMORE	10/24/2016
DOUGLAS MADORY	10/24/2016
SCOTT MICHAEL BRAZINA	10/14/2016
CHARLIE BAKER	10/11/2016
RICHARD GIBSON	10/24/2016
RECEIVING PARTY DATA	
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Street Address:	500 ORACLE PARKWAY, M/S 50P7
City:	REDWOOD SHORES
State/Country:	CALIFORNIA
Postal Code:	94065
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16854123
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	R00335C1
NAME OF SUBMITTER:	JEFF RITTER

SIGNATURE:	/Jeff Ritter/
DATE SIGNED:	03/30/2021
Total Attachments: 12 source=R00335C1_Assignment#page1.tif source=R00335C1_Assignment#page2.tif source=R00335C1_Assignment#page3.tif source=R00335C1_Assignment#page4.tif source=R00335C1_Assignment#page5.tif source=R00335C1_Assignment#page6.tif source=R00335C1_Assignment#page7.tif source=R00335C1_Assignment#page8.tif source=R00335C1_Assignment#page9.tif source=R00335C1_Assignment#page10.tif source=R00335C1_Assignment#page11.tif source=R00335C1_Assignment#page12.tif	

ASSIGNMENT

Arun MEHRA, residing at 17 Granite Lane, Hanover, NH 03755; Stephen HULSHOF, residing at 590 Rosedale Crescent, Burlington, Canada L7N 2T1; Brian J. PREMORE, residing at 5 Beacon Rd, West Lebanon, NH 03784; Douglas MADORY, residing at 18 Ledge Lane, Lebanon, NH 03766; Scott M. BRAZINA, residing at 353 Hayward Mill Road, Concord, MA 01742; Alin C. POPESCU, residing at 15 MacDonald Dr. Hanover, NH 03755; Philip STANHOPE, residing at 3 Lafayette Street Newburyport, MA 01950; Charlie BAKER, residing at 7 Washington St, Pelham, NH 03076; and Richard GIBSON, residing at 614 Nashua St., Unit 152, Milford, NH 03055 (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled METHODS AND APPARATUS FOR REAL-TIME TRAFFIC STEERING USING REAL-TIME USER MONITORING DATA, and which is a:

- (1) ☐ provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☐ bearing Application No. , and filed on ;
- (2) ☐ non-provisional application
 - (a) ☐ to be filed herewith; or
 - (b) ☐ bearing Application No. and filed on and/or
- (3) ☒ PCT application
 - (a) ☒ bearing Application No. PCT/US2016/050429, and filed on September 6, 2016.
- (4) ☐ a patent application bearing Serial No. , and filed on ;
and/or
- (5) ☐ attached hereto.

WHEREAS, Dynamic Network Services, Inc., a corporation having its principal place of business at 150 Dow Street, Manchester, NH 03101 its successors, legal representatives and assigns, (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application(s) for patent identified above; the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, these applications; any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of these application(s); and any and all patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so

already via a prior agreement with the Assignee or a predecessor in interest of the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee or a predecessor in interest of the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

(b) the application(s) for patent identified above;

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty, and all rights of claiming priority in any country of the world;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to, and/or the benefit of, at least one of the application(s) for patent identified above or any application(s) for patent claiming the Invention(s), including any substitute application(s), division(s), continuation(s), and continuation(s)-in-part;

(f) any provisional or other right to recover any and all past, present, and future damages, including royalties, for any and all past, present, and future infringements of any application for patent identified in the preceding paragraphs (b)-(e) and of any and all patent(s) granted based thereon in the United States and in all other countries; and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b)-(e), including any reissue(s), reexamination(s), revival(s), renewal(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.


The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the


Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein, and that Assignor will not make or enter into any assignment, sale, agreement or encumbrance which would conflict with these presents.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said application(s), and said patent(s), including interference and derivation proceedings, and any post-grant proceedings (e.g., opposition proceedings, post-grant reviews, *Inter partes* reviews, supplemental examinations, etc.) without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby authorizes and requests the attorneys of COOLEY LLP to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application(s) identified above when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Inventor Signature:  Date: 2016-10-18
Arun MEHRA

Witness Signature:  Date: 10/18/16

Print Witness Name: Karen Nexin

Address: 3 Eagle Drive
Hudson, NH 03051

Inventor Signature: _____ Date: _____
Stephen HULSHOF

Witness Signature: _____ Date: _____

Print Witness Name: _____


Address: _____


Inventor Signature: _____ Date: _____
Arun MEHRA

Witness Signature: _____ Date: _____

Print Witness Name: _____

Address: _____

Inventor Signature:  Date: Nov 16, 2016
Stephen HULSHOF

Witness Signature:  Date: 11/16/16

Print Witness Name: Karen Nevin

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Page 5 of 8
Attorney Docket No. DYNE-002/01 WO 314249-2015

Inventor Signature: BT Premore Date: 10/24/16
Brian J. PREMORE

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Print Witness Name: Scott May

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Inventor Signature: _____ Date: _____
Douglas MADORY

Witness Signature: _____ Date: _____

Print Witness Name: _____

Address: _____

Page 5 of 8
Attorney Docket No. DYNE-002/01WO 314249-2015

Inventor Signature: Brian J. PREMORE Date: _____

Witness Signature: _____ Date: _____

Print Witness Name: _____

Address: _____

Inventor Signature: Douglas MADORY Date: 24 OCT 16

Witness Signature: R. Bushell Date: 24th Oct 2016

Print Witness Name: ROBERT BUSHELL

Address: 252 UPPER LOWLAND RD

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Inventor Signature: Scott M. Brazina Date: 10/14/16
Scott M. BRAZINA

Witness Signature: Kim Gagnon Date: 10/14/16
Print Witness Name: KIM GAGNON

Address: 539 South Rd
Templeton MA 01468

Inventor Signature: _____ Date: _____
Alin C. POPESCU

Witness Signature: _____ Date: _____

Print Witness Name: _____

Address: _____

Inventor Signature: _____ Date: _____
Scott M. BRAZINA

Witness Signature: _____ Date: _____

Print Witness Name: _____

Address: _____

Inventor Signature: Alin C. Popescu Date: 10/11/2016
Alin C. POPESCU

Witness Signature: [Signature] Date: 10/11/2016

Print Witness Name: SETH BROWN

Address: 104 Blueberry Hill
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Inventor Signature: P. Stanhope Date: 10-11-16
Philip STANHOPE

Witness Signature: Karen C. Nevin Date: 10-11-16

Print Witness Name: Karen Nevin

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Inventor Signature: _____ Date: _____
Charlie BAKER

Witness Signature: _____ Date: _____

Print Witness Name: _____

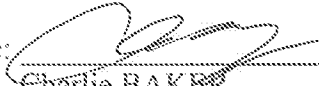
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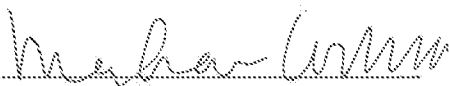
Inventor Signature: _____ Date: _____
Philip STANHOPE

Witness Signature: _____ Date: _____

Print Witness Name: _____

Address: _____

Inventor Signature:  _____ Date: 11 OCT 2016
Charlie BAKER


Witness Signature:  _____ Date: 10/11/16

Print Witness Name: Meghan Cochran

Address: 61 W Haven Rd.

Manchester NH 03104

Inventor Signature:  Date: 2016-10-24
Richard GIBSON

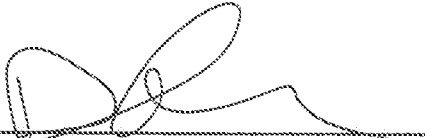
Witness Signature:  Date: 10-24-16


Print Witness Name: Melanie Gibson

Address: 614 Nashua St.
Unit 152
Milford, N.H. 03055

On Behalf of the Assignee:

Date: 11/14/16

By: 
Name:
Title:
Company: Dynamic Network Services, Inc.

Witness Signature:  Date: 11/14/16

Print Witness Name: Karen Nevin

Address: 3 Eagle Drive
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