

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6448199

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHAD MACK	07/06/2020
GAYATHRI NATESAN	12/12/2020
RECEIVING PARTY DATA	
Name:	GLOBAL TRAFFIC TECHNOLOGIES, LLC
Street Address:	7800 THIRD STREET NORTH
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55128
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16918522
CORRESPONDENCE DATA	
Fax Number:	(844)273-6099
<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>	
Phone:	6512592301
Email:	anave@ip-firm.com
Correspondent Name:	CRAWFORD MAUNU PLLC
Address Line 1:	1150 NORTHLAND DRIVE, SUITE 100
Address Line 4:	ST. PAUL, MINNESOTA 55120
ATTORNEY DOCKET NUMBER:	GTTE.047PA
NAME OF SUBMITTER:	LEROY MAUNU
SIGNATURE:	/LeRoy Maunu/
DATE SIGNED:	12/14/2020
Total Attachments: 4	
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source=GTT047_Assignment_forEfiling#page4.tif	

ASSIGNMENT ACKNOWLEDGMENT

WHEREAS, I, Chad Mack, residing at W5238 Meadowlark St, Durand, Wisconsin 54736, made certain new and useful inventions and improvements for which I have executed an application for Letters Patent of the United States, entitled: **ROUTE SELECTION USING CORRECTION FACTORS INDICATING PHASE INTERRUPTIBLE TRAFFIC SIGNALS** (Attorney Docket No. GTTE.047PA).

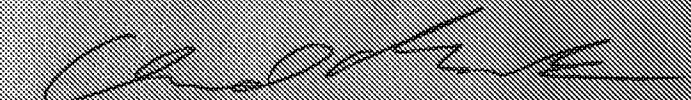
AND WHEREAS, Global Traffic Technologies, LLC a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 7800 Third Street North, St. Paul, MN 55128 (hereinafter "Assignee") acknowledges receipt of the entire right, title and interest in and to said inventions, improvements and applications and in and to the Letters Patent to be obtained therefor.

NOW THEREFORE, to all whom it may concern, be it known that for and in other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned and transferred, and by these presents do sell, assign and transfer to Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

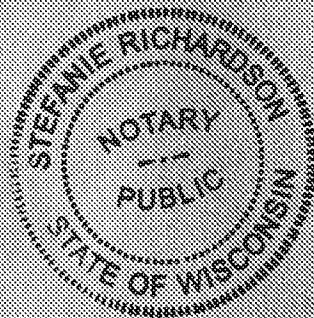
IN TESTIMONY WHEREOF, I have hereunto set my hand this 6 day of July 2020.



Chad Mack

STATE OF Wisconsin)
COUNTY OF Pepin) ss.

On this 6th day of July 2020, before me personally appeared Chad Mack, known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Exp: 4/29/2023



Stefanie Richardson

ASSIGNMENT ACKNOWLEDGMENT

WHEREAS, I, Gayathri Natesan, residing at 8786 Spring View Way, Woodbury, Minnesota 55125, made certain new and useful inventions and improvements for which I have executed an application for Letters Patent of the United States, entitled: **ROUTE SELECTION USING CORRECTION FACTORS INDICATING PHASE INTERRUPTIBLE TRAFFIC SIGNALS** (Attorney Docket No. GTTE.047PA).

AND WHEREAS, Global Traffic Technologies, LLC a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 7800 Third Street North, St. Paul, MN 55128 (hereinafter "Assignee") acknowledges receipt of the entire right, title and interest in and to said inventions, improvements and applications and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned and transferred, and by theses presents do sell, assign and transfer to Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, conversions or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Docket No. GTTE.047PA

AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

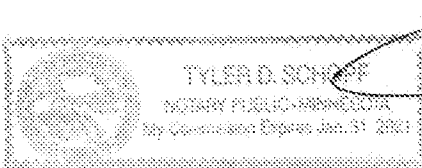
IN TESTIMONY WHEREOF, I have hereunto set my hand this 12 day of Dec 2020.

Gayathri

Gayathri Natesan

STATE OF Minnesota)
) ss.
COUNTY OF Washington)

On this 12 day of December 2020, before me personally appeared Gayathri Natesan, known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.



Tyler D Schopf