

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4203189

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WANTANEE VIRIYASITAVAT	03/31/2014
OZAN TONGUZ	05/01/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARNEGIE MELLON UNIVERSITY
<b>Street Address:</b>	5000 FORBES AVENUE
<b>City:</b>	PITTSBURGH
<b>State/Country:</b>	PENNSYLVANIA
<b>Postal Code:</b>	15213
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15392550
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(802)862-7512
<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>	
<b>Phone:</b>	802-863-2375
<b>Email:</b>	patip@drm.com
<b>Correspondent Name:</b>	MORGAN S. HELLER II
<b>Address Line 1:</b>	199 MAIN STREET
<b>Address Line 2:</b>	P O BOX 190
<b>Address Line 4:</b>	BURLINGTON, VERMONT 05402-0190
<b>ATTORNEY DOCKET NUMBER:</b>	13556-031USC1
<b>NAME OF SUBMITTER:</b>	MORGAN S. HELLER II
<b>SIGNATURE:</b>	/Morgan S. Heller II/
<b>DATE SIGNED:</b>	12/28/2016
<b>Total Attachments: 2</b>	
source=Assignments_13556031USC1#page1.tif	
source=Assignments_13556031USC1#page2.tif	

ASSIGNMENT

Whereas, I, Wantanee Viriyasitavat, residing in Pittsburgh, PA, have invented one or more new and useful inventions and have filed therefor U.S. Nonprovisional Patent Application Serial No. 14/214,885, filed on March 15, 2014, entitled "Methods And Software For Managing Vehicle Priority In A Self-Organizing Traffic Control System" and U.S. Provisional Patent Application Serial No. 61/852,251 filed March 15, 2013, entitled "Methods, Apparatuses, And Systems For Priority Management Of Vehicles In Self-Organizing Traffic Control Systems" (hereinafter, "Application(s)");

And whereas, Carnegie Mellon University, a Pennsylvania Non-Profit Corporation, having a place of business at 5000 Forbes Avenue, Pittsburgh, PA 15213 (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the Application(s), and I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee.

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Executed at Bangkok (city/town), Thailand (state/country),

this 31 day of March, 2014.

Wantanee Viriyasitavat  
Wantanee Viriyasitavat

14893357.1

**ASSIGNMENT**

Whereas, I, **Ozan Tonguz**, residing in **Pittsburgh, PA**, have invented one or more new and useful inventions and have filed therefor U.S. Nonprovisional Patent Application Serial No. 14/214,885, filed on March 15, 2014, entitled "Methods And Software For Managing Vehicle Priority In A Self-Organizing Traffic Control System" and U.S. Provisional Patent Application Serial No. 61/852,251 filed March 15, 2013, entitled "Methods, Apparatuses, And Systems For Priority Management Of Vehicles In Self-Organizing Traffic Control Systems" (hereinafter, "Application(s)");

And whereas, Carnegie Mellon University, a Pennsylvania Non-Profit Corporation, having a place of business at 5000 Forbes Avenue, Pittsburgh, PA 15213 (hereinafter called Assignee), desires to acquire the entire right, title and interest in the Application(s) and all inventions disclosed therein, and to any United States and foreign patents to be obtained therefor, and to any United States, international, and foreign patent applications to be filed thereon;

Now therefore, for good and valuable consideration, receipt whereof is hereby acknowledged, I, the above-named inventor hereby sell, assign, and transfer to Assignee, its successors and assigns, and confirm any previous assignments made by me for, the entire right, title and interest in the Application(s) and inventions therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of the Application(s), and I hereby agree that Assignee may file one or more international applications and apply for foreign Letters Patent on said inventions; and I request the Commissioner for Patents of the United States Patent and Trademark Office and the authorized official in each respective foreign patent office to issue any Letters Patent granted upon the inventions set forth in the Application(s) to Assignee; and I will execute all papers necessary in connection with the United States, international, and foreign applications when called upon to do so by Assignee.

I, the above-named, hereby covenant that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Executed at Pittsburgh (city/town), USA (state/country),  
this 1<sup>st</sup> day of MAY, 2014.

Ozan Tonguz  
Ozan Tonguz

14893360.1