PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
Name			Execution Date	
Dustin Harber			03/29/2012	
Matthew Kresse			03/29/2012	
Vinuth Rai			04/02/2012	
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Name:	Toyota Jidosha Kabushiki Kaisha			
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State/Country:	JAPAN			
Postal Code:	471-8571			
Name:	Toyota InfoTechnology Center Co., Ltd.			
Street Address:	6-6-20 Akasaka, Minato-ku			
City:	Токуо			
State/Country:	JAPAN			
Postal Code:	107-0052			
PROPERTY NUMBERS	Total: 1			
Property Typ	e	Number		
Application Number:		13436580		
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PATENT REEL: 027975 FRAME: 0751

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ATTORNEY DOCKET NUMBER:	10003-03355 US	
NAME OF SUBMITTER:	Kanda V. Ishihara	
Total Attachments: 2 source=03355_US_Assignment#page1.tif source=03355_US_Assignment#page2.tif		

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to Toyota Jidosha Kabushiki Kaisha and Toyota InfoTechnology Center Co., Ltd. (referred to collectively as "ASSIGNEES"), corporations of Japan, having places of business at 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571, Japan and 6-6-20 Akasaka, Minato-ku, Tokyo, 107-0052, Japan for itself and its successors, transferees, and assignees, the following:

1. An undivided 50% interest to each of ASSIGNEES in the worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the provisional application filed under 35 U.S.C. §111(b) or non-provisional application filed under 35 U.S.C. §111(a) and entitled **STREET PARKING AVAILABILITY ESTIMATION** ("APPLICATION"), which:

- having a filing date of <u>March 30, 2012</u>, and bearing U.S. application serial number 13/436,580
- The APPLICATION claims the benefit of a provisional application, filed on ______, now bearing U.S. application serial number

2. An undivided 50% interest to each of ASSIGNEES in the worldwide right, title and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and reexaminations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that each of ASSIGNEES may apply for and receive patents for SUBJECT MATTER in FIRST ASSIGNEE's and the SECOND ASSIGNEE's own names.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEES the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEES all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEES shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEES the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEES with the benefits and assistance provided to ASSIGNEES hereunder.

Title: Street Parking Availability Estimation Filed: March 30, 2012 Application No.: 13/436,580

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEES that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Name and Signature

Dustin Harber

Name and Signature

Matthew Wresse

Name and Signature

Vinuth Rai

Date of Signature 3/29/20/2

Date of Signature

3/29/2017

Date of Signature

4/2/2012

Attorney Docket # 10063-03355 US

RECORDED: 04/03/2012