

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5358436

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GABRIEL O. PEREZ	03/16/2017
MICHAEL A. HOUSTON	06/27/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HCA HOLDINGS, INC.
<b>Street Address:</b>	2555 PARK PLAZA, BUILDING 4
<b>Internal Address:</b>	THIRD FLOOR
<b>City:</b>	NASHVILLE
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37203
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14957911
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	payoung@kilpatricktownsend.com
<b>Correspondent Name:</b>	KILPATRICK TOWNSEND & STOCKTON, LLP
<b>Address Line 1:</b>	1100 PEACHTREE STREET
<b>Address Line 2:</b>	SUITE 2800
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30309
<b>ATTORNEY DOCKET NUMBER:</b>	094335-0961215 (003810US)
<b>NAME OF SUBMITTER:</b>	PHOEBE YOUNG
<b>SIGNATURE:</b>	/Phoebe Young/
<b>DATE SIGNED:</b>	02/04/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 4</b>	
source=Assignment for Recordation#page1.tif	
source=Assignment for Recordation#page2.tif	
source=Assignment for Recordation#page3.tif	



**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: **BIASED TASK ASSIGNMENTS BASED ON  
GEOTRACKING OF DISCHARGE  
VEHICLES**

Application No. 14/957,911, filed on December 3, 2015

**ASSIGNMENT**

WHEREAS, I, Gabriel O. Perez of Miramar, FL, am an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, HCA Holdings, Inc., a corporation of the State of Tennessee having a principle place of business at 2555 Park Plaza, Building 4, Third Floor, Nashville, Tennessee 37203, hereinafter referred to as "HCA Holdings, Inc.," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration in the form of a bonus to the inventor, I have assigned, and by these presents do assign to HCA Holdings, Inc. all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title, and interest is to be held and enjoyed by HCA Holdings, Inc. and HCA Holdings, Inc.'s successors and assigns as fully and exclusively as it would have been held and enjoyed by me had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation, or extension thereof.

I further agree that I will, without charge to me, but at HCA Holdings, Inc.'s expense, (a) cooperate with HCA Holdings, Inc. in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge, and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as HCA Holdings, Inc. lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in HCA Holdings, Inc., or HCA Holdings, Inc.'s successors and assigns. I waive any obligation of HCA Holdings, Inc. to file foreign counterparts on the invention or continue pursuit of prosecution of the invention and application and to all foreign counterparts, HCA Holdings, Inc. can in its sole discretion choose which countries to file foreign counterparts, unless I have previously informed HCA Holdings, Inc. in writing of any foreign counterparts I would like the option to pursue or prosecute.

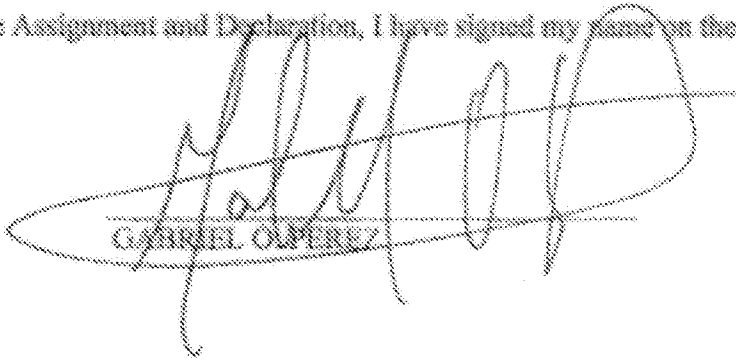
**DECLARATION**

As the above named inventor, I hereby declare that:

- This declaration is directed to the application listed above and any applications related by priority that may include claims or claim elements supported in the application listed above.
- 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 application.
- 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 5 years, or both.

IN TESTIMONY of both the Assignment and Declaration, I have signed my name on the date indicated.

Date: 03/16/2017

  
GABRIEL OLVERA

**COMBINED ASSIGNMENT AND DECLARATION OF PATENT APPLICATION**

Title of Invention: **BIASED TASK ASSIGNMENTS BASED ON  
GEOTRACKING OF DISCHARGE  
VEHICLES**

Application No. 14/957,911, filed on December 3, 2015

**ASSIGNMENT**

WHEREAS, I, Michael A. Houston of Parkland, FL, am an original joint inventor of the invention disclosed in the above-identified application for a United States Letters Patent;

WHEREAS, HCA Holdings, Inc., a corporation of the State of Tennessee having a principle place of business at 2555 Park Plaza, Building 4, Third Floor, Nashville, Tennessee 37203, hereinafter referred to as "HCA Holdings, Inc.," is desirous of acquiring an interest in the invention and application and in any United States Letters Patent and Registrations which may be granted on the same;

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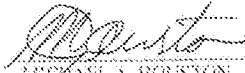
**DECLARATION**

As the above named inventor, I hereby declare that:

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- \* I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- \* 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 5 years, or both.

IN WITNESS whereof both the Assignment and Declaration, I have signed my name on the date indicated.

Dated: 6/27/17

  
MICHAEL A. HOUSTON