PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5690148

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RONALD NELSON	06/04/2019
SEAN FITZGERALD	06/04/2019
JESSE HORSKI	06/03/2019

RECEIVING PARTY DATA

Name:	CCC INFORMATION SERVICES INC.	
Street Address:	222 MERCHANDISE MART	
Internal Address:	SUITE 900	
City:	CHICAGO	
State/Country:	ILLINOIS	
Postal Code:	60654-1105	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16407350	

CORRESPONDENCE DATA

Fax Number: (312)474-0448

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.

Phone: (312) 474-6300

Email: docket@marshallip.com

Correspondent Name: MARSHALL, GERSTEIN & BORUN LLP

Address Line 1: 233 S. WACKER DRIVE Address Line 2: 6300 WILLIS TOWER

Address Line 4: CHICAGO, ILLINOIS 60606-6357

ATTORNEY DOCKET NUMBER:	29856/54129	
NAME OF SUBMITTER:	LILIAN Y. FICHT	
SIGNATURE:	/Lilian Y. Ficht/	
DATE SIGNED:	08/28/2019	

Total Attachments: 5

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ASSIGNMENT

Appl. No.: 16/407,350

Filed: May 9, 2019

Title: INTELLIGENT VEHICLE REPAIR ESTIMATION SYSTEM

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, Ronald Nelson, Sean Fitzgerald, and Jesse Horski ("Assignor") agrees to assign and hereby does assign to CCC INFORMATION SERVICES INC., 222 Merchandise Mart, Suite 900, Chicago, Illinois 60654-1105 ("Assignee") all rights, title, and interests in and to the inventions that are disclosed in the application listed above (the "Application") including, but without limitation, all rights:

- (i) in and to the Application and all other applications anywhere in the world that have been or may be filed on said inventions and/or naming Assignor as an inventor of said inventions.
 - (ii) in and to all patents issuing on any of the foregoing.
- (iii) in and to all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions of any of the foregoing,
- (iv) to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement and/or misappropriation of any of the foregoing, and
- (v) of priority including, but without limitation, the right to claim priority benefit of or to the Application and all of the foregoing.

Assignor requests the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee or its designee. Assignor authorizes the attorneys of record in the application to insert in this assignment the filing date and application number of the Application when officially known. Assignor:

(a) declares: (1) The application was made or authorized to be made by me, (2) I believe myself, as a named inventor, to be the original inventor or an original joint inventor of a claimed invention in the Application and I understand that any willful false statement made by me in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both;

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- (b) warrants except in favor of Assignee: (1) Assignor is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (2) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned; and
- (c) agrees to execute, upon the request of Assignee or its designee at no expense to Assignor, all applications or documents related to the inventions including, but without limitation, any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to fully cooperate with Assignee and/or its designee to perform all affirmative acts requested to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein whereby said rights, title and interests will be held and enjoyed by Assignee or its designee to the full end of the term for which the intellectual property rights herein may be available as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment had not been made.

On	behalf	of	Assignee,

Kevin J. Kane

Name

SVP, General Counsel and Secretary, CCC Information Services Inc.

Title

hereby confirms Assignee's acceptance of all rights, privileges, title and interests conveyed by this assignment.

Signature

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A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

47 day of 341 WITNESS our hands this State of County of ムーユの19, before me, 、 On appeared Ronald Nelson who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he she executed the same in his her authorized capacity, and that by his her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. JEONG KOO RHO & COMM. \$ 2209847 HOTARY PUBLIC CALIFORNIA (I) LOS ANGELES COUNTY NY COMME EXP. SEP. 9, 2021

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is alfached, and not the truthfulness, accuracy, or validity of that document.

WITNESS our hands this

47H day of

JUNE

2019

State of County of

CAUFFRUIT LOS ANGELES

Sean Fitzgerald

On this A A POR of

JUNE

2019 , before me, a

Notary Public in and for the County and State aforesaid, appeared Sean Fitzgerald, known to me personally or proved to me on the basis of satisfactory evidence to be the same person whose name is subscribed to the foregoing instrument and acknowledged that he executed said instrument as his/free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

09-09-2021

Notary Public

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JEONG KOO RHO COMM. \$ 2209847
COMM. \$ 2209847
HOTARY PUBLIC CALIFORNIA
LOS ANGELES COUNTY
MY COMM. EXP. SEP. 8, 2021

A HORDY CLARK OF OTHER OTHERS COMPARING the contrade vertex and the identity of the supporting was solving the cocraming pa which the centerate is an arrest and and not the substitutes according to validity of Hose occurrent day of June. WITNESS our hands this State of County of Jesse Horski 06-03-20/9, before me, JESSE On who proved to me on the basis of appeared satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he she executed the same in his her authorized capacity, and that by his her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. JEONG KOO RHO COMM \$ 2209847 MOTART PUBLIC CALIFORNIA LOS ANGELES COURTY MY COMM ESP. SEP. 9, 2021

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