

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6085459

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
COLIN R. VALLANCE	04/17/2020
MICHAEL ALAN ROBINSON	04/21/2020
FORREST WEINBERG	03/26/2020
SANKAR NAIR	04/28/2020
RECEIVING PARTY DATA	
Name:	CDW LLC
Street Address:	200 N. MILWAUKEE AVENUE
City:	VERNON HILLS
State/Country:	ILLINOIS
Postal Code:	60061
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16823736
CORRESPONDENCE DATA	
Fax Number:	(312)474-0448
<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:	(312)474-6300
Email:	docket@marshallip.com
Correspondent Name:	MARSHALL, GERSTEIN & BORUN LLP
Address Line 1:	233 SOUTH WACKER DRIVE
Address Line 2:	6300 WILLIS TOWER
Address Line 4:	CHICAGO, ILLINOIS 60606-6357
ATTORNEY DOCKET NUMBER:	31150/55023/US
NAME OF SUBMITTER:	NOAH K. TILTON
SIGNATURE:	/NOAH K. TILTON/
DATE SIGNED:	04/30/2020
Total Attachments: 8	
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ASSIGNMENT

Appl. No.: 16/823,736

Filed: March 19, 2020

Title: AVAILABLE VEHICLE PARKING SPACE DETECTION USING MACHINE LEARNING

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, Colin R. Vallance, Michael Alan Robinson, Forrest Weinberg, and Sankar Nair (“Assignor”) agrees to assign and hereby does assign to CDW LLC, 200 N. Milwaukee Avenue, Vernon Hills, Illinois 60061 (“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 any and all applications claiming priority benefit of the applications listed above, including all continuations, divisionals, and continuations-in-part,

(iii) in and to all patents issuing on any of the foregoing,

(iv) 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,

(v) 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

(vi) 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;

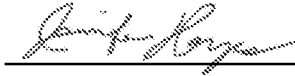
MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

(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.

ASSIGNOR  with my hand this 17 day of April, 2020.
Colin R. Vallance

Witness 1:

Signature: 

Date: . April 17 2020

Name: Jennifer Hayes

Address: 2525 W Winona St

City: Chicago, IL

Country: USA

Witness 2:

Signature: _____

Date: _____

Name: _____

Text
Address: _____

City: _____

Country: _____

ASSIGNOR Michael Alan Robinson with my hand this 21st day of April, 2020.

Witness 1:

Signature: Nicole Robinson

Date: 4/21/2020

Name: Nicole Robinson

Address: 16881 Van Buren Rd

City: Clinton, Oh 44716

Country: USA

Witness 2:

Signature: _____

Date: _____

Name: _____

Address: _____

City: _____

Country: _____

WITNESS our hands this

26 day of March 2020

State of _____
County of _____


Forrest Weinberg

On this _____ day of _____, _____ before me, a
Notary Public in and for the County and State aforesaid, appeared _____
known to me personally or proved
to me on the basis of satisfactory evidence to be the same person/persons whose name is/are
subscribed to the foregoing instrument and acknowledged that he/she executed said instrument as
his/her 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: _____ Notary Public

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

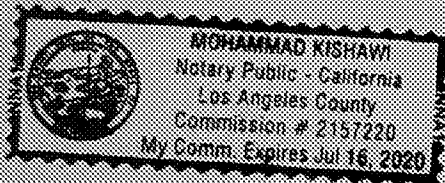
A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }
County of Los Angeles }

On March 26, 2020, before me, Mohammad Kishawi, Notary Public,
personally appeared Forrest Weinberg

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of State of California that the foregoing paragraph is true and correct.



PLACE NOTARY SEAL ABOVE

WITNESS my hand and official seal

SIGNATURE

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of attached document

Title or type of document: Assignment

Document Date: March 26, 2020 Number of Pages: 7

Signer(s) Other than Named Above: _____

ASSIGNOR

Sankar Nair

with my hand this

28th

day of

April

2020

Witness 1:

Signature

Date

Name

Address

City

Country

[Handwritten Signature]

4-18-20

Travis Pettilane

41248 SE 123rd St

North Bend

U.S.

Witness 2:

Signature

Date

Name

Address

City

Country

On behalf of Assignee,

Steven E. Nieslawski

Name

Vice President & Assistant General Counsel

Title

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

Steven E. Nieslawski
Signature

29 April 2020

Date