PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5363641

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GAVIN MATTHEW PLATT	02/04/2019
VLADISLAV KANTCHEV SHUNTUROV	02/04/2019
SUSIE MALENA MCMULLAN	02/04/2019
THOMAS WINSTON GEER	02/04/2019

RECEIVING PARTY DATA

Name:	ABL IP HOLDING LLC
Street Address:	1170 PEACHTREE STREET NE, SUITE 2300
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30309

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16269369

CORRESPONDENCE DATA

Fax Number: (650)362-1800

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: 650-209-4884

Email: PTO@RAUBVOGEL.COM **Correspondent Name:** AMIR H. RAUBVOGEL Address Line 1: RAUBVOGEL LAW OFFICE

Address Line 2: 820 LAKEVIEW WAY

Address Line 4: REDWOOD CITY, CALIFORNIA 94062

ATTORNEY DOCKET NUMBER:	LUC005-CIP
NAME OF SUBMITTER:	AMIR H. RAUBVOGEL
SIGNATURE:	/Amir H. Raubvogel/
DATE SIGNED:	02/06/2019

Total Attachments: 2

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PATENT REEL: 048256 FRAME: 0432 505316860

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 ABL IP Holding LLC, a limited liability company in the State of Georgia, having a place of business at 1170 Peachtree Street NE, Suite 2300, Atlanta, GA 30309, ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

3.	The entire worldwide right, title, and interest in all inventions and improvements
("SUBJEC"	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 SELF-
SERVICE	DISCOVERY, REFINEMENT, AND EXECUTION OF AUTOMATED MULTI-SYSTEM
INSIGHTS	("APPUCATION"), which:
Ø	is to be filed herewith
	was filed on
	now bearing U.S. application numberand

The entire worldwide right, title, and interest in and to: (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all 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 re-examinations) which may be granted on the applications set forth in (a), (b), and (c); and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

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, declarations, affidavits, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR lurther agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE 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.

Havin M. Patt 02/04/2019
Date

PATENT **REEL: 048256 FRAME: 0433** Title of Document: ASSIGNMENT

Re:

Title:

SELF-SERVICE DISCOVERY, REFINEMENT, AND EXECUTION OF

AUTOMATED MULTI-SYSTEM INSIGHTS

Filed:

Even date herewith

Serial No.:

Not yet known

Vladislax Vantchev Shunturov

02-04-2019

Date

SUSIE Malena McMullan

---Lida Date

Thomas Winston Geer

Case LUC005-CIP

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PATENT

REEL: 048256 FRAME: 0434