

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHARLES HOWARD CELLA	02/13/2020
GERALD WILLIAM DUFFY JR.	02/13/2020
JEFFREY P. MCGUCKIN	02/13/2020
MEHUL DESAI	02/13/2020
RECEIVING PARTY DATA	
Name:	STRONG FORCE IOT PORTFOLIO 2016, LLC
Street Address:	2500 BROADWAY
Internal Address:	SUITE F-125
City:	SANTA MONICA
State/Country:	CALIFORNIA
Postal Code:	90404
PROPERTY NUMBERS Total: 22	
Property Type	Number
Application Number:	16458048
Application Number:	16458049
Application Number:	16458051
Application Number:	16458053
Application Number:	16458055
Application Number:	16458057
Application Number:	16458059
Application Number:	16458065
Application Number:	16458066
Application Number:	16458141
Application Number:	16458068
Application Number:	16458069
Application Number:	16458070
Application Number:	16458071
Application Number:	16691140
Application Number:	16691164

PATENT

Property Type	Number
Application Number:	16691170
Application Number:	16691181
Application Number:	16691366
Application Number:	16691376
Application Number:	16691385
Application Number:	16691392

CORRESPONDENCE DATA

Fax Number: (617)507-6127

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: (617) 519-1295

Email: gtclaw@blackhillsip.com, ksmith@gtclawgroup.com

Correspondent Name: GTC LAW GROUP PC & AFFILIATES

Address Line 1: ONE UNIVERSITY AVE.

Address Line 2: STE. 302B

Address Line 4: WESTWOOD, MASSACHUSETTS 02090

ATTORNEY DOCKET NUMBER: STRF-0011-U03 TO -U24

NAME OF SUBMITTER: KELLY M. SMITH

SIGNATURE: /Kelly M. Smith/

DATE SIGNED: 02/13/2020

Total Attachments: 5

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ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

DATA COLLECTION SYSTEMS AND METHODS WITH ALTERNATE ROUTING OF INPUT CHANNELS

for which a United States Patent application was filed on June 29, 2019, and bears Application Number 16/458,048;

DATA MONITORING SYSTEMS AND METHODS TO UPDATE INPUT CHANNEL ROUTING IN RESPONSE TO AN ALARM STATE

for which a United States Patent application was filed on June 29, 2019, and bears Application Number 16/458,049;

SYSTEMS AND METHODS FOR DATA COLLECTION INCLUDING PATTERN RECOGNITION

for which a United States Patent application was filed on June 29, 2019, and bears Application Number 16/458,051;

SYSTEMS AND METHODS FOR DATA COLLECTION AND DATA SHARING IN AN INDUSTRIAL ENVIRONMENT

for which a United States Patent application was filed on June 29, 2019, and bears Application Number 16/458,053;

SYSTEMS AND METHODS FOR NETWORK-SENSITIVE DATA COLLECTION

for which a United States Patent application was filed on June 29, 2019, and bears Application Number 16/458,055;

DATA COLLECTION SYSTEMS AND METHODS FOR UPDATING SENSED PARAMETER GROUPS BASED ON PATTERN RECOGNITION

for which a United States Patent application was filed on June 29, 2019, and bears Application Number 16/458,057;

SELF-ORGANIZING SYSTEMS AND METHODS FOR DATA COLLECTION

for which a United States Patent application was filed on June 29, 2019, and bears Application Number 16/458,059;

**DATA COLLECTION SYSTEMS HAVING A SELF-SUFFICIENT DATA
ACQUISITION BOX**

for which a United States Patent application was filed on June 30, 2019, and bears Application Number 16/458,065;

**DATA MONITORING SYSTEMS AND METHODS TO UPDATE INPUT CHANNEL
ROUTING IN RESPONSE TO AN ALARM STATE**

for which a United States Patent application was filed on June 30, 2019, and bears Application Number 16/458,066;

**SYSTEMS AND METHODS FOR DATA COLLECTION INCLUDING PATTERN
RECOGNITION**

for which a United States Patent application was filed on June 30, 2019, and bears Application Number 16/458,141;

SYSTEMS AND METHODS FOR NETWORK-SENSITIVE DATA COLLECTION

for which a United States Patent application was filed on June 30, 2019, and bears Application Number 16/458,068;

**DATA COLLECTION SYSTEMS WITH PATTERN ANALYSIS FOR AN INDUSTRIAL
ENVIRONMENT**

for which a United States Patent application was filed on June 30, 2019, and bears Application Number 16/458,069;

SELF-ORGANIZING SYSTEMS AND METHODS FOR DATA COLLECTION

for which a United States Patent application was filed on June 30, 2019, and bears Application Number 16/458,070;

**DATA COLLECTION SYSTEMS HAVING A SELF-SUFFICIENT DATA
ACQUISITION BOX**

for which a United States Patent application was filed on June 30, 2019, and bears Application Number 16/458,071;

METHODS FOR SELF-ORGANIZING DATA COLLECTION AND STORAGE

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,140;

METHODS FOR SELF-ORGANIZING DATA COLLECTION AND STORAGE

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,164;

**SYSTEMS FOR DATA COLLECTION AND STORAGE INCLUDING NETWORK
EVALUATION AND DATA STORAGE PROFILES**

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,170;

**SYSTEMS FOR DATA COLLECTION AND SELF-ORGANIZING STORAGE
INCLUDING ENHANCING RESOLUTION**

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,181;

**METHODS FOR DATA MONITORING WITH CHANGEABLE ROUTING
OF INPUT CHANNELS**

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,366;

SYSTEMS FOR SELF-ORGANIZING DATA COLLECTION AND STORAGE

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,376;

SYSTEMS FOR SELF-ORGANIZING DATA COLLECTION AND STORAGE

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,385;

**SYSTEMS FOR SELF-ORGANIZING DATA COLLECTION AND STORAGE IN A
REFINING ENVIRONMENT**

for which a United States Patent application was filed on November 21, 2019, and bears Application Number 16/691,392;

(hereinafter "Application(s)")

WHEREAS, Strong Force IoT Portfolio 2016, LLC, a corporation of the State of Delaware, having a place of business at 2500 Broadway, Suite F-125, Santa Monica, CA 90404, (hereinafter the "Assignee"), has acquired, or is desirous of acquiring, the entire right, title, and interest in and to (i) the Application(s), (ii) the inventions and improvements therein disclosed and (iii) any subsequent improvements thereto ((i), (ii) and (iii) collectively, the "Inventions").

NOW, THEREFORE, for good and valuable consideration paid to me by, or on behalf of, the Assignee, the receipt and sufficiency of which are hereby acknowledged, I as a named inventor (hereinafter the "Assignor"), do hereby confirm my previous assignment, sale and/or transfer to the Assignee, or if no such previous assignment, sale and/or transfer occurred, do hereby assign, sell and transfer unto the Assignee the full and exclusive right, title and interest in and to the Inventions for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries, and all conversions, divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof (the "Subsequent Filings"). Such assignment also includes the right to claim priority to the Application(s) and Subsequent Filings under any law, rule, treaty, or convention. Such assignment extends to the full end(s) of the term(s) of the Application(s), such Letters Patent and any Subsequent Filings as fully and entirely as the same would have been held and enjoyed by me had assignment not been made. Said full and exclusive right, title, and interest referred to above includes all rights to all past, present and future claims for infringement of any patent resulting from the Inventions including the right to grant licenses, to bring lawsuits, and to recover damages for any past, present, and future infringement, whether known or unknown, now existing or hereafter arising.

I, as a named inventor, covenant that, at the time of my assignment, I was or am a lawful owner of the Inventions and had or have the full right to make assignment of the Inventions. I further covenant that the Inventions are unencumbered, and that no license has been granted to make, use, import, offer for sale or sell the Inventions.

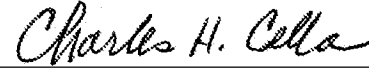
And for the consideration aforesaid, I agree individually and, if applicable, jointly, that I will communicate to the Assignee or the representatives thereof any facts known to me respecting the Inventions, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all documents in connection with the Application(s) and any Subsequent Filing, make all rightful oaths and declarations, and generally do all other and further lawful acts deemed necessary or expedient by the Assignee or by counsel for the Assignee to assist or enable the Assignee to obtain and enforce full benefits from the rights and interests assigned. My assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of the Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of my assignment.

1. FULL NAME OF ASSIGNOR:
Charles Howard Cella

RESIDENCE: **Pembroke, MA**

EXECUTED this 13 day of February, 20 20



SIGNATURE

2. FULL NAME OF ASSIGNOR:
Gerald William Duffy Jr.

RESIDENCE: **Philadelphia, PA**

EXECUTED this 13 day of February, 20 20



SIGNATURE

3. FULL NAME OF ASSIGNOR:
Jeffrey P. McGuckin

RESIDENCE: **Philadelphia, PA**

EXECUTED this 13 day of February, 20 20



SIGNATURE

4. FULL NAME OF ASSIGNOR:
Mehul Desai

RESIDENCE: **Oak Brook, IL**

EXECUTED this 13 day of February, 20 20



SIGNATURE