

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT8057598

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	06/17/2021

CONVEYING PARTY DATA

Name	Execution Date
JOHNSON CONTROLS TECHNOLOGY COMPANY	08/06/2021

RECEIVING PARTY DATA

Name:	JOHNSON CONTROLS TYCO IP HOLDINGS LLP
Street Address:	5757 N. GREEN BAY AVE.
City:	MILWAUKEE
State/Country:	WISCONSIN
Postal Code:	53209

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17839082

CORRESPONDENCE DATA**Fax Number:** (202)672-5399*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:** 202-672-5300**Email:** IPdocketing@foley.com, KWashnesky@foley.com**Correspondent Name:** FOLEY & LARDNER LLP**Address Line 1:** 3000 K STREET, N.W.**Address Line 2:** SUITE 600**Address Line 4:** WASHINGTON, D.C. 20007

ATTORNEY DOCKET NUMBER:	117277-0976
NAME OF SUBMITTER:	KIMBERLY E. WASHNESKY
SIGNATURE:	/Kimberly E. Washnesky/
DATE SIGNED:	07/14/2023

Total Attachments: 5

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INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT

This INTELLECTUAL PROPERTY ASSIGNMENT AGREEMENT (“**IP Assignment**”) is executed on August 6, 2021 and effective as of June 17, 2021 at 5:04 P.M. Central Time (the “**Effective Date**”), by and among Johnson Controls Technology Company, a Michigan Corporation, located at 2875 High Meadow Circle, Auburn Hills, Michigan 48326-2773 (“**JCTC**”) and Johnson Controls Tyco IP Holdings LLP, a Wisconsin Limited Liability Partnership, located at 5757 N. Green Bay Avenue, Milwaukee, Wisconsin 53209 (“**JCTIPH**”).

WHEREAS, JCTIPH is the acquirer of certain assets of JCTC (the “**Transferred Assets**”) pursuant to the Amended and Restated Contribution Agreement between JCTC as a contributing party and JCTIPH as the receiving party, effective as of June 17, 2021 at 5:03 P.M. Central Time (the “**Contribution Agreement**”);

WHEREAS, under the terms of the Contribution Agreement, JCTC and JCTIPH have conveyed, transferred, and assigned certain intellectual property among the Transferred Assets for ultimate acquisition by JCTIPH, and all parties have agreed to execute and deliver this IP Assignment, for recording with the United States Patent and Trademark Office, the United States Copyright Office, and corresponding entities or agencies in any applicable jurisdictions;

NOW THEREFORE, the parties agree as follows:

1. Assignment from JCTC to JCTIPH.

(a) For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, JCTC hereby irrevocably conveys, transfers, and assigns to JCTIPH, and JCTIPH hereby accepts, all of JCTC’ right, title, and interest in and to the following (the “**Assigned IP**”):

(i) all patents and patent applications (including design patents, design registrations, and other industrial design rights) set forth on Schedule 1 hereto, including any and all divisions, continuations, continuation-in-part, extensions, substitutions, renewals, registrations, revalidations, reissues, reexaminations, and the like, or foreign counterparts of or to any of the aforesaid patents and patent applications, including without limitation, all issued patents that have been or may be granted thereon and any other patents and patent applications claiming priority to or the benefit of the foregoing (the “**Patents**”);

(ii) all copyright registrations and copyright applications set forth on Schedule 2 hereto and all issuances, extensions, and renewals thereof (the “**Copyrights**”);

(iii) all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(iv) all rights to any actions or claims of any nature related to the foregoing, whether accruing before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive relief for infringement, dilution, misappropriation, violation, misuse, breach or default, with the right but

no obligation to sue for such legal and equitable relief, and to collect, or otherwise recover, any such damages.

(b) Terms of the Contribution Agreement. JCTC and JCTIPH acknowledge and agree that this IP Assignment is entered into pursuant to the Contribution Agreement, to which reference is made for a further statement of the rights and obligations of JCTC and JCTIPH with respect to the Assigned IP. The representations, warranties, covenants, agreements, and indemnities contained in the Contribution Agreement shall not be superseded hereby but shall remain in full force and effect to the full extent provided therein. In the event of any conflict or inconsistency between the terms of the Contribution Agreement and the terms hereof, the terms of the Contribution Agreement shall govern.

2. Recordation and Further Actions. The parties to this IP Assignment hereby authorize the Commissioner for Patents and the Register of Copyrights in the United States Copyright Office, and the officials of corresponding entities or agencies in any applicable jurisdictions to record and register this IP Assignment upon request by JCTIPH. Following the date hereof, upon JCTIPH's reasonable request, the other parties to this IP Assignment shall take such steps and actions, and provide such cooperation and assistance to JCTIPH and its successors, assigns, and legal representatives, including the execution and delivery of any affidavits, declarations, oaths, exhibits, assignments, powers of attorney, or other documents, as may be necessary to effect, evidence, or perfect the assignment of the Assigned IP to JCTIPH, or any successor thereto.

3. Counterparts. This IP Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this IP Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this IP Assignment.

4. Successors and Assigns. This IP Assignment shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

5. Governing Law. This IP Assignment shall be construed and interpreted according to the laws of the State of Wisconsin, excluding any choice of law rules that may direct the application of the laws of another jurisdiction. Each party stipulates that any dispute shall be commenced and prosecuted in its entirety in, and consents to the exclusive jurisdiction and proper venue of, either the Milwaukee County Circuit Court for the State of Wisconsin or the United States District Court for the Eastern District of Wisconsin, and each party consents to personal and subject matter jurisdiction and venue in such courts and waive and relinquish all right to attack the suitability or convenience of such venue or forum by reason of their present or future domiciles, or by any other reason.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the parties hereto have caused this IP Assignment to be executed on their behalf by their respective duly authorized representatives on the date first written above and effective as of the Effective Date.

Johnson Controls Technology Company

Johnson Controls Tyco IP Holdings LLP

By 

By 

Name: Marc Vandiepenbeeck

Name: Marc Vandiepenbeeck

Title: President

Title: President

SCHEDULE 1
ASSIGNED PATENTS

Patents

[See Exhibit B]

Schedule B-1 Johnson Controls Technology Company

CTRY	STATUS	APLN #	PATENT #	TITLE	ASSIGNEE (Johnson Controls Technology Company)	ENTRY ID
US	Published	17/080583		Building Energy System With Predictive Control Of Battery And Green Energy Resources	Johnson Controls Technology Company	WC700;
WO	Published	PCT/US2018/029625		Building Energy System With Predictive Control	Johnson Controls Technology Company	WC700;
US	Allowed	15/934593	11042144	Building Management System with Dynamic Channel Communication	Johnson Controls Technology Company	WC700;
WO	Published	PCT/US2018/024068		Building Management System with Dynamic Channel Communication	Johnson Controls Technology Company	WC700;
CN	Allowed	201810311826.8		Extremum-Seeking Control System with Constraint Handling	Johnson Controls Technology Company	WC700;
EP	Published	18166329.5		Extremum-Seeking Control System with Constraint Handling	Johnson Controls Technology Company	WC700;
JP	Published	2018-073610		Extremum-Seeking Control System with Constraint Handling	Johnson Controls Technology Company	WC700;
US	Issued	15/950009	10627786	Extremum-Seeking Control System with Constraint Handling	Johnson Controls Technology Company	WC700;
CN	Published	201880040535.8		Predictive Building Control System With Neural Network Based Constraint Generation	Johnson Controls Technology Company	WC700;
EP	Published	18722818.4		Predictive Building Control System With Neural Network Based Constraint Generation	Johnson Controls Technology Company	WC700;
JP	Published	2019-556840		Predictive building control system with constraint generation based on neural network	Johnson Controls Technology Company	WC700;
WO	Published	PCT/US2018/027657		Predictive Building Control System With Neural Network Based Constraint Generation	Johnson Controls Technology Company	WC700;
WO	Published	PCT/US20/45237		Predictive Building Control System With Neural Network Based Constraint Generation	Johnson Controls Technology Company	WC700;
US	Issued	16/013638	10921010	Building Management System with Simulation and User Action Reinforcement Machine Learning	Johnson Controls Technology Company	WC700;
CN	Published	201910245344.1		Systems and Methods for Adaptively Tuning Thresholds for Fault Detection in Buildings	Johnson Controls Technology Company	WC700;
US	Allowed	16/355066		Systems And Methods For Adaptively Tuning Thresholds For Fault Detection In Buildings	Johnson Controls Technology Company	WC700;
EP	Published	18190831.0		Central Plant Control System with Equipment Maintenance Evaluation	Johnson Controls Technology Company	WC700;
US	Published	16/112582		Central Plant Control System With Equipment Maintenance Evaluation	Johnson Controls Technology Company	WC700;
US	Issued	15/921955	10678227	Central Plant Control System with Plug and Play EMPC	Johnson Controls Technology Company	WC700;
US	Published	16/890124		Central Plant Control System with Plug and Play EMPC	Johnson Controls Technology Company	WC700;
CN	Issued	201810869569.X	ZL 201810869569.X	Building Control System with Cooperative Extremum-Seeking Control	Johnson Controls Technology Company	WC700;
EP	Published	18186760.7		Building Control System with Cooperative Extremum-Seeking Control	Johnson Controls Technology Company	WC700;
US	Issued	16/052120	10907846	Building Control System With Cooperative Extremum-Seeking Control	Johnson Controls Technology Company	WC700;

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