

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6993881

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XUGANG ZHANG	03/11/2019
RICHARD M. DEKEUSTER	09/07/2009
RECEIVING PARTY DATA	
Name:	JOHNSON CONTROLS TECHNOLOGY COMPANY
Street Address:	2875 HIGH MEADOW CIRCLE
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17428870
CORRESPONDENCE DATA	
Fax Number:	(608)283-1709
<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:	6082579521
Email:	docket_patents@boardmanclark.com
Correspondent Name:	BOARDMAN & CLARK LLP
Address Line 1:	1 S. PINCKNEY ST., STE. 410
Address Line 4:	MADISON, WISCONSIN 53703
ATTORNEY DOCKET NUMBER:	57501-2715
NAME OF SUBMITTER:	SHELDON L. WOLFE
SIGNATURE:	/sheldon l wolfe/
DATE SIGNED:	10/28/2021
Total Attachments: 3	
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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to **Johnson Controls Technology Company** (the "Assignee"), a corporation of the State of Michigan, having a place of business at **2875 High Meadow Circle, Auburn Hills, Michigan 48326-2773**, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "**TERMINAL COVER**," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. **75576** may delete, insert, or alter any information identifying this application, or any related application, below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application Information

U.S. Provisional Application Serial No. 62/803,008, filed on February 8, 2019

U.S. Non-Provisional Application Serial No. _____, filed on _____

International Application Serial No. _____, filed on _____

INVENTOR:

Signature: _____
Xugang Zhang

Date: _____

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

Witnessed by: _____
Signature

Date: _____

Printed Name of Witness

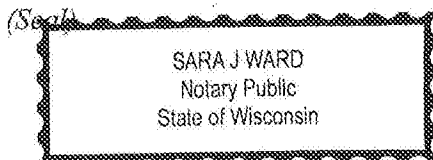
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Xugang Zhang

Date: 3/11/2019

STATE OF WI)
COUNTY OF Milwaukee) §§.

This 11 day of March, 2019, before me personally came the above-named Xugang Zhang, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.



(Notary Public)

My commission
expires 2/17/22



**EMPLOYEE INTELLECTUAL
PROPERTY AGREEMENT**

For and in consideration of employment, the continuation of employment by Johnson Controls, Inc. and any joint ventures of Johnson Controls, Inc. ("Employer"), or for other consideration, the receipt and adequacy of which is acknowledged, I hereby agree as follows:

1. Background. Employer has developed and continues to develop specialized techniques, processes, practices, products, and the like, which provide a competitive advantage to it. Employer has expended significant time, money, and resources in its business activities, including in research and development activities. Employer has developed, owns, or has otherwise obtained exclusive rights relating to various aspects of its business, including the design, manufacture, application, sale, and testing of products and related technology. I agree to perform work on behalf of Employer, including but not limited to the provision of services, designs, prototypes and materials as directed by Employer, and other related work and services (collectively referred to as the "Work") according to the terms and conditions set forth in this Agreement. This Agreement shall cover all Work performed by me after the commencement of employment with Employer.

2. Intellectual Property. "Intellectual Property" means any and all intellectual property in any form or stage of development, including but not limited to any idea, concept, design, prototype, product configuration, invention, improvement, modification, patentable subject matter, method, process, technique, procedure, system, plan, model, program, software or code, data, specification, drawing, diagram, flow chart, documentation, know-how, work of authorship, copyrightable subject matter, derivative work, trademark or trade name, and any other subject matter, material or information that qualifies and/or is considered by Employer to qualify for patent, copyright, trademark, trade dress, trade secret, or any other protection under any law providing or creating intellectual property rights, including the Uniform Trade Secrets Act. Intellectual Property also includes confidential information learned, obtained or developed in connection with employment, such as specifications, financial data, personnel information, market information, business arrangements and other non-public information of Employer.

3. Assignment and Ownership. I acknowledge and agree that Intellectual Property under this Agreement is the sole and exclusive property of Employer. I agree to assign and hereby assign to Employer ownership of all right, title and interest in Intellectual Property relating to the Work, including any Intellectual Property (of any kind) conceived, created, or otherwise obtained by me during the term of this Agreement. I will neither obtain nor retain any rights in Intellectual Property under this Agreement. Any copyrightable work under this Agreement will be considered to be a "work made for hire" on behalf of Employer under the Copyright Act, as amended, 17 U.S.C. § 101 et seq. Employer shall own all physical property, materials and prototypes related to the Work by me. I agree to cooperate with Employer and to assist in the preparation and execution of all documents relating to any effort by or on behalf of Employer to apply for, obtain, maintain, transfer, or enforce any intellectual property right relating to this Agreement, including any patent, trademark or copyright, at the request and expense of Employer. Without further compensation, I will do all lawful things, including maintaining adequate and current records which shall be the property of Employer, rendering assistance, executing documents and performing all acts reasonably necessary for Employer to perfect, at its sole option and expense, its right in Intellectual Property in the United States or in any other country or jurisdiction.

4. Return of Materials. Upon termination of employment, I will promptly deliver to Employer all information and materials relating to Employer's business and/or of a confidential nature or referring to confidential information, which are in my possession or control, and will destroy any copies.

5. Successors. This agreement applies not only to the business of Employer, but also to the business of its successors, subsidiaries and entities owned or controlled by it during or after the period of employment. If I am employed by or transferred to a successor, subsidiary or entity owned or controlled by Employer, this Agreement will continue in full force and effect. The terms of this Agreement are expressly made a part of my employment agreement and of any subsequent employment agreement and cannot be waived or modified except expressly in writing, signed by an officer of Employer.

6. Irreparable Harm. I agree that a violation or threat of violation of this Agreement will cause Employer to suffer serious harm to its business and that damages would be an inadequate remedy. Therefore, if I breach this Agreement, Employer will be entitled to an immediate court injunction and other remedies under applicable state law. Employer shall recover all expenses it incurs, including its reasonable attorneys' fees, in enforcing this Agreement.

7. Severability. If one or more of the provisions of this Agreement is held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality, or unenforceability shall not affect any other provision hereof and this Agreement shall be construed as if such invalid, illegal, or unenforceable provision had not been contained therein.

I have listed on the reverse side of this Agreement all inventions and improvements, patented or otherwise, that I made or conceived prior to employment with Employer, and desire that these inventions and improvements be excluded from this Agreement.

April Hackett 9-8-09
Witness Date

April Hackett
Print Name

Richard M. DeKoster 9-7-09
Employee Signature Date

RICHARD M. DEKOSTER
Print Name

DETR 156610.5

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