PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6777339

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIANYU WANG	06/22/2021
BOWEN ZHANG	06/22/2021

RECEIVING PARTY DATA

Name:	SHENYANG INSTITUTE OF AUTOMATION, CHINESE ACADEMY OF SCIENCES	
Street Address:	NO. 114 NANTA STREET, SHENHE DISTRICT	
City:	SHENYANG, LIAONING	
State/Country:	CHINA	
Postal Code:	110016	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16316290	

CORRESPONDENCE DATA

Fax Number: (703)563-9748

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: 7037455495

Email: docket@nkllaw.com

Correspondent Name: NOVICK, KIM & LEE, PLLC Address Line 1: 3251 OLD LEE HIGHWAY

Address Line 2: SUITE 500

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	PA131.0088
NAME OF SUBMITTER:	SOOMIN KANG
SIGNATURE:	/Soomin Kang/
DATE SIGNED:	06/23/2021

Total Attachments: 2

source=PA131-0088-Assignment#page1.tif source=PA131-0088-Assignment#page2.tif

PATENT 506730523 REEL: 056639 FRAME: 0114

<u>ASSIGNMENT</u>

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

NETWORK GUARD UNIT FOR INDUSTRIAL EMBEDDED SYSTEM AND GUARD METHOD

for which I/WE executed an application for United States Letters Patent that was filed or will be filed in the United States Patent and Trademark Office; and

WHEREAS, SHENYANG INSTITUTE OF AUTOMATION, CHINESE ACADEMY OF SCIENCES, a corporation of CHINA, whose post office address is No. 114 Nanta Street, Shenhe District, Shenyang, Liaoning 110016, China (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its/their successors and assigns.

PATENT REEL: 056639 FRAME: 0115 AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 16/316,290, filed January 8, 2019) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR WANG, Tianyu	ASSIGNORS SIGNATURE	DATE 20116.72
ADDRESS No. 114 Nanta Street, Shenhe District,	CTIZENSHIP CN	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY ZHANG, Bowen	assignors signature 24 AUG Soven	DATE 6,72
ADDRESS No. 114 Nanta Street, Shenhe District,	N .	CITIZENSHIP CN

PATENT REEL: 056639 FRAME: 0116

RECORDED: 06/23/2021