505816242 12/11/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5863072

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LARRY BECK	01/09/2018
CHENG-CHIEH CHAO	01/09/2018
LEI CHENG	01/26/2018
NIALL DONNELLY	01/16/2018
WILLIAM H. GARDNER	01/09/2018
TIM HOLME	01/09/2018
WILL HUDSON	01/09/2018
SRIRAM IYER	01/26/2018
OLEH KARPENKO	01/24/2018
YANG LI	01/16/2018
GENGFU XU	01/22/2018

RECEIVING PARTY DATA

Name:	QUANTUMSCAPE CORPORATION
Street Address:	1730 TECHNOLOGY DRIVE
City:	SAN JOSE
State/Country:	CALIFORNIA
Postal Code:	95110

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16621659

CORRESPONDENCE DATA

Fax Number: (415)393-9887

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: 4159540200

Email: sfripdocket@squirepb.com

Correspondent Name:SQUIRE PATTON BOGGS (US) LLPAddress Line 1:275 BATTERY STREET, SUITE 2600Address Line 4:SAN FRANCISCO, CALIFORNIA 94111

PATENT 505816242 REEL: 051254 FRAME: 0454

ATTORNEY DOCKET NUMBER:	114826.00355	
NAME OF SUBMITTER:	TODD OSTOMEL	
SIGNATURE:	/ToddOstomeIReg63426/	
DATE SIGNED:	12/11/2019	
Total Attachments: 11		
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PATENT REEL: 051254 FRAME: 0455

WHEREAS, I, Lei CHENG, ASSIGNOR, citizen of the People's Republic of China, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS,

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNBE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith:

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 01/26/2018

L.S. Lei CHENG

Date 01/26/2018 Witness (sign and print name)

Cy-Ci Ci CHENG-CHIEH CHAO
Witness (sign and print name)

Date 01/26/2018

WHEREAS, I, Sriram IYER, ASSIGNOR, citizen of the United States, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS.

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date /26/20/8

Sriram IYER

Tim Holme

Data 1-26-18

Witness (sign and print name)

1-26-16

Witness (sign and print name

Page 1 of 1

REEL: 051254 FRAME: 0457

WHEREAS, I, Oleh KARPENKO, ASSIGNOR, citizen of the United States, with a mailing address at 1301 Rinnock Drive, San Jose, California, 95120, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Ducket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS,

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date JAN. 24, 298

Witness (sign and print name)

The Len Tran-Shun (and Witness (sign and print name)

Date 01 24. 2019

WHEREAS, I, Niall DONNELLY, ASSIGNOR, citizen of the United Kingdom, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS.

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 1/16/18

Date 1-16-18

Date_____/ - /ko - / 8

Niall DONNELLY

Tim When Tim 1

Withess (sign and print name)

Witness (sign and print name)

Page I of I

WHEREAS, I, Gengfu XU, ASSIGNOR, citizen of the United States, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS,

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I bereunto set my hand and seal the day and year set opposite my respective signature.

Gengfu XU

Date _____//24/2018__

L.S.

<u>Kia</u>nJosh

1 Properties

Witness (sign and print name)

Date 1/22/18

Witness (sign and print name)

WHEREAS, I, Tim HOLME, ASSIGNOR, citizen of the United States of America, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS,

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 1/9/2018

TIM HOLME!

WILLIAM HEARDNER

Witness (sign and print name)

**Lemma | Kennedy McCone

Witness (sign and print name)

WHEREAS, I, William H. GARDNER, ASSIGNOR, citizen of the United States, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS.

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NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell. assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

William H. GARDNER

Witness (sign and print name)

Tim the Tim Holme

Witness (sign and print name)

WHEREAS, I, Larry BECK, ASSIGNOR, citizen of the United States of America, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS,

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NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 19 2018 Aa

Date 01/09/2019

Date 1/9/2018

arry BECK

Witness (sign and print name)

Witness (sign and print name)

L.S.

WHEREAS, I, Cheng-Chieh CHAO, ASSIGNOR, citizen of Taiwan, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS.

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date_	1/9/2018	dy-crica	LS.
	11	Cheng-Chieh CHAO	
Date _	1/9/3018	Mitness (sign and print name)	rmai
Date	1/9/2018	Any She & Tommy	tucing
		Witness (sign and print name)	_ 0
		()	

WHEREAS, I, Will HUDSON, ASSIGNOR, citizen of the United States, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS,

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 01/09/2018 Make	LS
/ Will HUDSON	
Date 0/09/2018	
Witness (sign and	orint name)
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Date of 9 2018 Witness (sign and	orini name)

WHEREAS, I, Yang LI, ASSIGNOR, citizen of the People's Republic of China, with a mailing address at 1730 Technology Drive, San Jose, California, 95110, in relation to the invention for which an application for patent has been filed on June 23, 2017 as International Patent Application No. PCT/US2017/039069 (Docket No. 114826.00252), entitled LITHIUM BATTERY ELECTROLYTE WITH PHASE INCLUSIONS,

and WHEREAS, QuantumScape Corporation, a corporation organized and existing under the laws of the state of Delaware, and having an office for the transaction of business at 1730 Technology Drive, San Jose, California, 95110, herein referred to as "ASSIGNEE," is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and under the said invention, and the said application and all applications claiming priority thereto and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year set opposite my respective signature.

Date 1/16/18

Date 1/16/18

Date 1/16/18

Date 1/16/18

Witness (sign and print name)

Witness (sign and print name)