

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5761025

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YOU LIANG ZHANG	09/20/2019
	JIAYU FU	09/19/2019
	PEI SHANG	09/20/2019
	DAHAI ZHANG	09/20/2019
	ZHEN MA	09/20/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SCHNEIDER ELECTRIC (AUSTRALIA) PTY LTD	
<b>Street Address:</b>	78 WATERLOO ROAD	
<b>City:</b>	MACQUARIE PARK	
<b>State/Country:</b>	AUSTRALIA	
<b>Postal Code:</b>	NSW 2113	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	29703900	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)220-6945	
<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>		
<b>Phone:</b>	2022206900	
<b>Email:</b>	cpannell@lockelord.com	
<b>Correspondent Name:</b>	LOCKE LORD LLP IP DOCKET DEPARTMENT	
<b>Address Line 1:</b>	P.O. BOX 55874	
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02205	
<b>ATTORNEY DOCKET NUMBER:</b>	MDE190009US (861US8)	
<b>NAME OF SUBMITTER:</b>	JAMES HWA	
<b>SIGNATURE:</b>	/James Hwa/	
<b>DATE SIGNED:</b>	10/09/2019	
<b>Total Attachments: 6</b>		
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**PATENT**

**REEL: 050663 FRAME: 0165**

Schneider Electric 114292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: MDE190009US (861US8)

## ASSIGNMENT

### ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS, Youliang ZHANG, Jiayu FU, Pei SHANG, Dahai ZHANG, Zhen MA (hereinafter referred to as ASSIGNOR(S)), has/have invented certain new improvements in the following: "SWITCH"

- ☐ for which application for Letters Patent has been executed on even date herewith, and
- ☒ for which application for Letters Patent of the United States has been filed on August 30, 2019, under Serial No. 29/703,900, and

WHEREAS, SCHNEIDER ELECTRIC (AUSTRALIA) PTY LTD, having its principal place of business at 78 Waterloo Road, Macquarie Park, NSW 2113 Australia (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire rights, title, and interest in and to the patent application named above;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives the entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all provisionals, divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

I/We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

I/We further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I/We hereby further agree that we will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

Schneider Electric 114292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: MDE190009US (861US8)

Executed this 20 day of Sept, 2019.

Signature: [Signature]  
Name: Youliang ZHANG  
Address: No. 3099 Keyuan South Road, Nanshan  
District, Shenzhen 518000  
CHINA

WITNESSED:

IF NOTARY NOT AVAILABLE:

Witnesses below attest that on this 20 day of Sept, 2019, before me, the  
aforementioned person, Youliang ZHANG personally appeared to me, known  
and known to me to be the individual who is described in and who executed the foregoing  
Assignment, and who duly acknowledged to me that he executed the same as his own voluntary  
act and deed for the uses and purposes therein specified.

First Witness:

Signature:

Printed Name:

Job Title:

[Signature]  
Hongzhi Han  
Engineer

Second Witness:

Signature:

Printed Name:

Job Title:

[Signature]  
Haitao Wen  
Engineer

IF NOTARY AVAILABLE:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal

this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

STATE OF )

ss.:

COUNTY OF )

On this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the aforementioned person,  
\_\_\_\_\_ personally appeared to me, known and known to me to be  
the individual who is described in and who executed the foregoing Assignment, and who duly  
acknowledged to me that he executed the same as his own voluntary act and deed for the uses and  
purposes therein specified.

\_\_\_\_\_  
Notary Public

Executed this 14th day of Sept, 2019.Signature: [Signature]  
Name: Jiayu FU  
Address: No. 3099 Keyuan South Road, Nanshan  
District, Shenzhen 518000  
CHINA

WITNESSED:

IF NOTARY NOT AVAILABLE:

Witnesses below attest that on this 14th day of Sept, 2019, before me, the  
aforementioned person, Jiayu FU personally appeared to me, known  
and known to me to be the individual who is described in and who executed the foregoing  
Assignment, and who duly acknowledged to me that he executed the same as his own voluntary  
act and deed for the uses and purposes therein specified.

First Witness:

Signature: [Signature]Printed Name: Ling LingJob Title: Designer

Second Witness:

Signature: [Signature]Printed Name: Shi Hong QiangJob Title: Designer

IF NOTARY AVAILABLE:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal  
this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

STATE OF )

ss.:

COUNTY OF )

On this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the aforementioned person,  
\_\_\_\_\_ personally appeared to me, known and known to me to be  
the individual who is described in and who executed the foregoing Assignment, and who duly  
acknowledged to me that he executed the same as his own voluntary act and deed for the uses and  
purposes therein specified.

\_\_\_\_\_  
Notary Public

Schneider Electric 114292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: MDE190009US (861US8)

Executed this 20 day of Sept, 2019.

Signature: [Signature]  
Name: Pei SHANG  
Address: No. 3099 Keyuan South Road, Nanshan  
District, Shenzhen 518000  
CHINA

WITNESSED:

IF NOTARY NOT AVAILABLE:

Witnesses below attest that on this 20 day of Sept, 2019, before me, the  
aforementioned person, Pei SHANG personally appeared to me, known  
and known to me to be the individual who is described in and who executed the foregoing  
Assignment, and who duly acknowledged to me that he executed the same as his own voluntary  
act and deed for the uses and purposes therein specified.

First Witness:

Signature: [Signature]  
Printed Name: Yanbiao Ye  
Job Title: Engineer

Second Witness:

Signature: [Signature]  
Printed Name: Jon Li  
Job Title: Engineer

IF NOTARY AVAILABLE:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal

this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

STATE OF )

ss.:

COUNTY OF )

On this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the aforementioned person,  
\_\_\_\_\_ personally appeared to me, known and known to me to be  
the individual who is described in and who executed the foregoing Assignment, and who duly  
acknowledged to me that he executed the same as his own voluntary act and deed for the uses and  
purposes therein specified.

\_\_\_\_\_  
Notary Public

Schneider Electric 114292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: MDE190009US (861US8)

Executed this 20 day of Sept, 2019.

Signature: [Signature]

Name: Dahai ZHANG

Address: No. 3099 Keyuan South Road, Nanshan  
District, Shenzhen 518000  
CHINA

WITNESSED:

IF NOTARY NOT AVAILABLE:

Witnesses below attest that on this 20 day of Sept, 2019, before me, the  
aforementioned person, Dahai ZHANG personally appeared to me, known  
and known to me to be the individual who is described in and who executed the foregoing  
Assignment, and who duly acknowledged to me that he executed the same as his own voluntary  
act and deed for the uses and purposes therein specified.

First Witness:

Signature: [Signature]

Printed Name: Pei Shuang

Job Title: Engineer

Second Witness:

Signature: [Signature]

Printed Name: Zhen Ma / Director

Job Title:

IF NOTARY AVAILABLE:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal

this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

STATE OF )

ss.:

COUNTY OF )

On this \_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the aforementioned person,  
\_\_\_\_\_ personally appeared to me, known and known to me to be  
the individual who is described in and who executed the foregoing Assignment, and who duly  
acknowledged to me that he executed the same as his own voluntary act and deed for the uses and  
purposes therein specified.

\_\_\_\_\_  
Notary Public

Schneider Electric 114292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: MDE190009US (861US8)

Executed this 20 day of Sept, 2019.

Signature: \_\_\_\_\_

Name: Zhen MA

Address: No. 3099 Keyuan South Road, Nanshan  
District, Shenzhen 518000  
CHINA

WITNESSED:

IF NOTARY NOT AVAILABLE:

Witnesses below attest that on this 20 day of Sept, \_\_\_\_\_, before me, the  
aforementioned person, Zhen MA personally appeared to me, known  
and known to me to be the individual who is described in and who executed the foregoing  
Assignment, and who duly acknowledged to me that he executed the same as his own voluntary  
act and deed for the uses and purposes therein specified.

First Witness:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Job Title: \_\_\_\_\_

Second Witness:

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Job Title: \_\_\_\_\_

IF NOTARY AVAILABLE:

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal

this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

STATE OF )

ss.:

COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_, before me, the aforementioned person,  
\_\_\_\_\_ personally appeared to me, known and known to me to be  
the individual who is described in and who executed the foregoing Assignment, and who duly  
acknowledged to me that he executed the same as his own voluntary act and deed for the uses and  
purposes therein specified.

\_\_\_\_\_  
Notary Public