

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7141002

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHAOFAN LI	01/10/2022
XIAOQIANG LI	01/10/2022
MING DAI	01/10/2022
FRANCK BECKER	01/10/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SCHNEIDER ELECTRIC INDUSTRIES SAS
<b>Street Address:</b>	35 RUE JOSEPH MONIER
<b>City:</b>	RUEIL MALMAISON
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	92500
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17377960
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)227-4420
<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>	6172390861
<b>Email:</b>	cpannell@lockelord.com, patent@lockelord.com
<b>Correspondent Name:</b>	LOCKE LORD LLP
<b>Address Line 1:</b>	P.O. BOX 55874
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02205
<b>ATTORNEY DOCKET NUMBER:</b>	F21P8661-01US (974US2)
<b>NAME OF SUBMITTER:</b>	PETER N. FILL
<b>SIGNATURE:</b>	/Peter N. Fill/
<b>DATE SIGNED:</b>	01/26/2022
<b>Total Attachments: 7</b>	
source=S974US2_ExAssignments#page1.tif	
source=S974US2_ExAssignments#page2.tif	
source=S974US2_ExAssignments#page3.tif	

source=S974US2\_ExAssignments#page4.tif

source=S974US2\_ExAssignments#page5.tif

source=S974US2\_ExAssignments#page6.tif

source=S974US2\_ExAssignments#page7.tif

**ASSIGNMENT**

**ASSIGNMENT OF APPLICATION FOR PATENT**

**WHEREAS, Shaofan LI, Daniel SINTHOMEZ, Xiaoqiang LI, Ming DAI, and Franck BECKER** (hereinafter referred to as ASSIGNOR(S), has/have invented certain new and useful improvements in the following: “MECHANICAL OPERATING ASSEMBLY FOR A BISTABLE RELAY AND A BISTABLE RELAY ASSEMBLY,” for which we have made application for Letters Patent, and

for which application for Letters Patent has been executed on even date herewith, and which claims priority to a Chinese patent application filed on July 16, 2020 under Application No. 202010686582.9, and

**WHEREAS, SCHNEIDER ELECTRIC INDUSTRIES SAS**, having its principal place of business at 35 rue Joseph Monier, 92500 Rueil Malmaison, France (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.

I/We further authorize and direct said ASSIGNEE's attorneys to insert below\* the serial number and filing date of said application now identified as Attorney Docket No. F21P8661-01US (974US2) as soon as the same shall have been made known to them by the relevant Patent Office/Patent Authority.

\*Serial Number: 17/377,960

\*Filing Date: July 16,2021

Executed this 10<sup>th</sup> day of Jan, 2021.

Signature: Li Shaofan  
Name: Shaofan LI  
Address: Building 9, No. 3000, LongDong Avenue  
201203 Shanghai, P.R. China

WITNESSED:

Witnesses below attest that on this 10<sup>th</sup> day of Jan, 2022, before me, the  
aforementioned person, Shao Fan Li 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: Jin Wang  
Printed Name: Jin Wang  
Job Title: Patent Engineer

Second Witness:

Signature: Yehua Shi  
Printed Name: Yehua Shi  
Job Title: patent Engineer

Executed this \_\_\_\_ day of \_\_\_\_\_, 2022.

Signature: \_\_\_\_\_  
Name: Daniel SINTHOMEZ  
Address: Electropole Schneider-Electric  
31 rue Pierre Mendes France  
38320 Eybens France

WITNESSED:

Witnesses below attest that 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.

First Witness:

Second Witness:

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

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

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

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

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

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

Executed this 10<sup>th</sup> day of Jan, 2021.

Signature: Xiaoqiang Li  
Name: Xiaoqiang Li  
Address: Building 9, No. 3000, LongDong Avenue  
201203 Shanghai, P.R. China

WITNESSED:

Witnesses below attest that on this 10<sup>th</sup> day of Jan, 2022, before me, the  
aforementioned person, Xiaoqiang Li 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: Jin Wang  
Printed Name: Jin Wang  
Job Title: Patent Engineer

Second Witness:

Signature: Yehua Shi  
Printed Name: Yehua Shi  
Job Title: patent Engineer

Schneider Electric 114292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: F21P8661-01US (974US2)

Executed this 10<sup>th</sup> day of Jan, 2021.

Signature: Dai Ming  
Name: Ming DAI  
Address: Building 9, No. 3000, LongDong Avenue  
201203 Shanghai, P.R. China

WITNESSED:

Witnesses below attest that on this 10<sup>th</sup> day of Jan, 2021, before me, the  
aforementioned person, Dai Ming 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: Jin Wang  
Printed Name: Jin Wang  
Job Title: Patent Engineer

Second Witness:

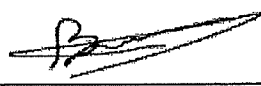
Signature: Yehua Shi  
Printed Name: Yehua Shi  
Job Title: Patent Engineer



Schneider Electric 114292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: F21P8661-01US (974US2)

Executed this 10<sup>th</sup> day of Jan, 2022

Signature:   
Name: Franck BECKER  
Address: Building 9, No. 3000, LongDong Avenue  
201203 Shanghai, P.R. China

WITNESSED:

Witnesses below attest that on this 10<sup>th</sup> day of Jan, 2022, before me, the  
aforementioned person, Franck Becker 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: Jin Wang  
Printed Name: Jin Wang  
Job Title: Patent Engineer

Second Witness:

Signature: Yehua Shi  
Printed Name: Yehua Shi  
Job Title: Patent Engineer