

<b>PATENT ASSIGNMENT COVER SHEET</b>
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EPAS ID: PAT4611178

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROY S. COLBY	09/25/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SCHNEIDER ELECTRIC USA, INC
<b>Street Address:</b>	BOSTON ONE CAMPUS
<b>Internal Address:</b>	800 FEDERAL STREET
<b>City:</b>	ANDOVER
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01810
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15715204
<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
<b>Address Line 1:</b>	701 8TH STREET, N.W.
<b>Address Line 2:</b>	SUITE 700
<b>Address Line 4:</b>	WASHINGTON, D.C. 20001
<b>ATTORNEY DOCKET NUMBER:</b>	RLC-0175-US (515US1)
<b>NAME OF SUBMITTER:</b>	JAMES HWA
<b>SIGNATURE:</b>	/James Hwa/
<b>DATE SIGNED:</b>	09/26/2017
<b>Total Attachments: 3</b>	
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ASSIGNMENT

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS, Roy S. COLBY (hereinafter referred to as ASSIGNOR(S)), has/have invented certain new and useful improvements in the following: **"DETECTION OF INITIAL MOTOR ROTATION IN MAINS-FED INDUCTION MOTOR,"** for which we have made application for Letters Patent, and

for which application for Letters Patent has been executed on even date herewith, and

WHEREAS, SCHNEIDER ELECTRIC USA, INC., a corporation organized and existing under the laws of the State of Delaware, having its principal place of business at Boston One Campus, 800 Federal Street, Andover, Illinois 01810 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring ASSIGNOR's entire rights, title, and interest in and to said 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 11,292

PATENT APPLICATION ASSIGNMENT  
INVENTOR ASSIGNMENT  
ATTORNEY DOCKET NO.: RLC-0175-US (551US1)

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. RLC-0175-US (551US1) as soon as the same shall have been made known to them by the relevant Patent Office/Patent Authority.

\*Serial Number: 15/715,204

\*Filing Date: September 26, 2017

Executed this 25 day of September, 2017.

Signature: Roy S Colby  
Name: Roy S. COLBY  
Address: 8408 Seagate Drive  
Raleigh, NC 27615

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

this 25 day of September 2017.

STATE OF North Carolina

COUNTY OF Wake

On this 25 day of September 2017, before me, the aforementioned person, Roy S. Colby 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.

Deborah Jones  
Notary Public

