

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4923318

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME
CONVEYING PARTY DATA	
Name	Execution Date
EMERSON NETWORK POWER, ENERGY SYSTEMS, NORTH AMERICA, INC.	04/03/2017
RECEIVING PARTY DATA	
Name:	VERTIV ENERGY SYSTEMS, INC.
Street Address:	995 OAK CREEK DRIVE
City:	LOMBARD
State/Country:	ILLINOIS
Postal Code:	60148
PROPERTY NUMBERS Total: 10	
Property Type	Number
Patent Number:	6757185
Patent Number:	6995547
Patent Number:	7932632
Patent Number:	7859816
Patent Number:	7791904
Patent Number:	7898110
Patent Number:	8406014
Patent Number:	8098468
Patent Number:	8547674
Patent Number:	8284570
CORRESPONDENCE DATA	
Fax Number:	(248)641-0270
<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>	
Email:	troy@mailroom@hdp.com, jcatanese@hdp.com
Correspondent Name:	HARNESS, DICKEY AND PIERCE, P.L.C.
Address Line 1:	5445 CORPORATE DRIVE
Address Line 2:	SUITE 200
Address Line 4:	TROY, MICHIGAN 48098
ATTORNEY DOCKET NUMBER:	9679B-500694

NAME OF SUBMITTER:	JENNIFER CATANESE
SIGNATURE:	/Jennifer Catanese/
DATE SIGNED:	04/19/2018
Total Attachments: 3 source=Emerson Network Power to Vertiv Energy Systems 2#page1.tif source=Emerson Network Power to Vertiv Energy Systems 1#page1.tif source=Emerson Network Power to Vertiv Energy Systems 1#page2.tif	

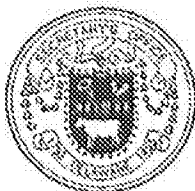
Delaware

The First State

Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "EMERSON NETWORK POWER, ENERGY SYSTEMS, NORTH AMERICA, INC.", CHANGING ITS NAME FROM "EMERSON NETWORK POWER, ENERGY SYSTEMS, NORTH AMERICA, INC." TO "VERTIV ENERGY SYSTEMS, INC.", FILED IN THIS OFFICE ON THE TWENTY-NINTH DAY OF MARCH, A.D. 2017, AT 2:52 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



3270522 8100
SR# 20172109118

You may verify this certificate online at corp.delaware.gov/authver.shtml

A handwritten signature in black ink, appearing to read "JBULLOCK", is written over a horizontal line. Below the line, the text "Jeffrey W. Bullock, Secretary of State" is printed in a small font.

Authentication: 202300351
Date: 03-30-17

PATENT
REEL: 045982 FRAME: 0604

State of Delaware
Secretary of State
Division of Corporations
Delivered 02:52 PM 03/29/2017
FILED 02:52 PM 03/29/2017
SR 20172109118 - File Number 3270522

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION
OF
NETWORK POWER, ENERGY SYSTEMS, NORTH AMERICA, INC.

(Pursuant to Sections 242 and 245 of the
General Corporation Law of the State of Delaware)

The name of the corporation is Emerson Network Power, Energy Systems, North America, Inc. (the "Company"), and the Company was originally incorporated pursuant to the General Corporation Law of the State of Delaware (the "GCL") on August 7, 2000 under the name Emersub XCII, Inc. This Second Amended and Restated Certificate of Incorporation is to be effective April 3, 2017.

Section 1. The name of the corporation is VERTIV ENERGY SYSTEMS, INC.

Section 2. The address of the registered office of the Company in the State of Delaware is 1209 Orange Street, Wilmington, Delaware 19801, County of New Castle. The name of the Company's registered agent at such address is The Corporation Trust Company.

Section 3. The purpose of the Company is to engage in any lawful act or activity for which corporations may now or hereafter be organized under the GCL.

Section 4. The total number of shares of stock which the Company shall have authority to issue is one thousand (1,000), consisting of one thousand (1,000) shares of Common Stock, \$0.01 par value per share.

Section 5. In furtherance and not in limitation of the powers conferred by statute, the board of directors is expressly authorized to adopt, amend or repeal in any respect the bylaws, and to confer in the bylaws powers and authorities upon the directors in addition to the powers and authorities expressly conferred upon them by statute.

Section 6. No director shall be personally liable to the Company or its stockholders for monetary damages for breach of fiduciary duty as a director, except for liability (i) for any breach of such director's duty of loyalty to the Company or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the GCL, as the same exists or hereafter may be amended, or (iv) for any transaction for which such director derived an improper personal benefit. If the GCL hereafter is amended to authorize the further elimination or limitation of the liability of directors, then the liability of a director, in addition to the limitation on personal liability provided herein, shall be limited to the fullest extent permitted by the GCL as so amended. No amendment to or repeal of this Section 6 shall apply to or have any effect on the liability or alleged liability of any director for or with respect to any acts or omissions of such director occurring prior to such amendment or repeal.

Section 7. The Company shall indemnify, defend and hold harmless each director to the fullest extent permitted by the GCL and other applicable law, in each case, as amended from time to time, except to the extent involving (i) a breach of such director's duty of loyalty to the Company or its stockholders, (ii) acts or omissions where such director did not act in good faith and in a manner that such director reasonably

such director did not act in good faith and in a manner that such director reasonably believed to be in, or not opposed to, the best interests of the Company and, with respect to any criminal action or proceeding, had no reasonable cause to believe such director's conduct was unlawful, (iii) a willful or negligent violation of Section 180 or Section 173 of the GCL, as the same exists or hereafter may be amended, or (iv) a transaction for which such director derived an improper personal benefit. No amendment to or repeal of this Section 7 shall apply to or have any effect on the indemnification rights of any director for or with respect to any acts or omissions of such director occurring prior to such amendment or repeal.

Section 8. The name and mailing address of the Incorporators of the Company are:

M.A. Brzoska
1209 Orange Street, Wilmington, DE 19801

S.G. Butterworth
1209 Orange Street, Wilmington, DE 19801

D.J. Murphy
1209 Orange Street, Wilmington, DE 19801

The undersigned has executed this Second Amended and Restated Certificate of Incorporation the 24th day of March, 2017.



Eva M. Kalawski
Vice President and Secretary

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