PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RÜDIGER KLEFFEL	04/21/2017
FABIAN QUAST	04/25/2017
SWEN RUPPERT	04/19/2017

RECEIVING PARTY DATA

Name:	SIEMENS AKTIENGESELLSCHAFT
Street Address:	WITTELSBACHERPLATZ 2
City:	80333 MÜNCHEN
State/Country:	GERMANY

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15531273

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 4: NEW YORK, NEW YORK 10017

ATTORNEY DOCKET NUMBER:	KLEFFEL-2
NAME OF SUBMITTER:	HENRY M. FEIEREISEN
SIGNATURE:	/HENRY M. FEIEREISEN/
DATE SIGNED:	05/26/2017

Total Attachments: 6

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> PATENT REEL: 042518 FRAME: 0292

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ASSIGNMENT

For good and valuable consideration, I (We),

Rüdiger Kleffel, residing at Steinhilberweg 20, Erlangen, 91056, DE, citizen of DE **Fabian Quast,** residing at Breslauer Str. 26, Erlangen, 91058, DE, citizen of DE **Swen Ruppert,** residing at Feldstr. 10, Möhrendorf, 91096, DE, citizen of DE

hereafter individually or collectively referred to as "Assignor(s)";

Hereby, (I) acknowledge having previously assigned, sold and transferred to **Siemens Aktiengesellschaft**, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Wittelsbacherplatz 2, München, 80333, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of GERMANY or (ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)(i) to the extent such laws of GERMANY or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: METHOD FOR SYMMETRIZING AN ENERGY STORAGE SYSTEM

Filing Date: 19 Nov 2015

Filing Number: PCT/EP2015/077055

Internal Case Number(s): 2014P21748WOUS

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

IDNR: 1930 / 21.05.2015

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(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

J. Alietz Witness Signature Itche Schiemen Z printed name	Rüdiger Kleffel 21. Apr. 2017 Date
Witness Signature Wagel printed name	Fabian Quast 25.4-2017 Date
Witness Signature	Swen Ruppert
printed name	Date

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Signature(s):	IV. Witsour	ive her	
Name(s):	Milzarek	Zirkel	
Title:	Both Authorized Officers		·/···
Date:	2 6 APR 2017		

PATENT REEL: 042518 FRAME: 0295

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ASSIGNMENT

For good and valuable consideration, I (We),

Rüdiger Kieffel, residing at Steinhilberweg 20, Erlangen, 91056, DE, citizen of DE **Fabian Quast,** residing at Breslauer Str. 26, Erlangen, 91058, DE, citizen of DE **Swen Ruppert,** residing at Feldstr. 10, Möhrendorf, 91096, DE, citizen of DE

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(B)(i) to the extent such laws of GERMANY or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or (ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filling date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: METHOD FOR SYMMETRIZING AN ENERGY STORAGE

SYSTEM

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and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

IDNR: 1930 / 21.05.2015

Page 2 of 3

(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Witness Signature	Rüdiger Kleffel
printed name	Date
Witness Signature	Fabian Quast
printed name	Date
Witness Signature	Over Engrey Swen Ruppert
SABINE POTH printed name	19.4.17 Date

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Signature(s):	V Wilsones	iv- Jul
Name(s):	Milzarek 1	Zirkei
Title:	Both Authorized Officers	
Date:	2 6 APR 2017	

PATENT REEL: 042518 FRAME: 0298

RECORDED: 05/26/2017