PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date | |
|-----------------|----------------|--|
| BRET ALAN ORNER | 01/06/2015 | |
| GARY R. WARE | 01/06/2015 | |
| ADAM M. FISKE | 01/06/2015 | |
| TIEGENG REN | 01/19/2015 | |

RECEIVING PARTY DATA

| Name: | SCHNEIDER ELECTRIC IT CORPORATION | | | |
|-----------------|-----------------------------------|--|--|--|
| Street Address: | 132 FAIRGROUNDS ROAD | | | |
| City: | WEST KINGSTON | | | |
| State/Country: | RHODE ISLAND | | | |
| Postal Code: | 02892 | | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14587631 |

CORRESPONDENCE DATA

Fax Number: (617)395-7070

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| ATTORNEY DOCKET NUMBER: | A2000-748119(APC-0558) |
|-------------------------|------------------------|
| NAME OF SUBMITTER: | THOMAS J. MCGINNIS |
| SIGNATURE: | /Thomas J. McGinnis/ |
| DATE SIGNED: | 01/21/2015 |

Total Attachments: 6

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PATENT 503144481 REEL: 034773 FRAME: 0311



Attorney Docket No.: A2000-748119(APC-0558)

Assignment-Page 1 of 6

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned

Bret Alan Orner of 7 Shadow Lane, Wellesley, Massachusetts 02482;

Gary R. Ware of 57 Bow Road, Newton, Massachusetts 02459;

Adam M. Fiske of 1 Pleasant Street, Unit 3-5, Westford, Massachusetts 01886; and Tiegeng Ren of 7 Torrey Terrace, Westford, Massachusetts 01886, respectively, hereby:

Sell, assign and transfer to SCHNEIDER ELECTRIC IT CORPORATION, a Massachusetts corporation having a place of business at 132 Fairgrounds Road, West Kingston, Rhode Island 02892, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

| | December 31, 2014 | |
|-----------------------------|-------------------------|---------------------|
| ANADAMANA | ENTER FILENG DATE ABOVE | |
| under Application Serial No | 14/587,631 | and |
| Entitled SYSTEMS AND MET | HODS FOR MAPPIN | G AND VISUALIZING A |
| WIREL | ESS MESH NETWOR | cK. |

and in and to said application and all continuing, divisional, continuation-in-part, 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 said any and all inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, We agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent

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Attorney Docket No.: A2000-748119(APC-0558)

Assignment-Page 2 of 6

said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

| xn-1245 | |
|--|---|
| ************************************** | Bret Alan Orner |
| STATE OF MAS | |
| On this Unday | of January, 2015, before me, the undersigned notary |
| | ppeared Bref Alan Orner (name of document |
| signer), proved to r | ne through satisfactory evidence of identification, which were |
| - \$ \$ | with to proceed to me that (he) (she) signed |
| it voluntarily for its | stated purpose. |
| | Stury McGury_ |
| (SEAL) | Printed name of Notary: Sacy McGarry |
| | My commission expires Stacy McGarry Notery Public Commonwealth of Massachuserts My Commission Expires |

Attorney Docket No.: A2000-748119(APC-0558)
Assignment- Page 3 of 6

| Date | Jan 6, 2019 | Jany R. Ware Gary R. Ware |
|------|---|---|
| | STATE OF Mas County of F | |
| | public, personally ar signer), proved to me | peared |
| | it voluntarily for its s | · · · · · · · · · · · · · · · · · · · |
| | (SEAL) | Printed name of Notary: Stacy McGarry |
| | | My commission expires: Notary Public Community Of Massachuserris My Commission Expires November 26, 2021 |

Attorney Docket No.: A2000-748119(APC-0558)
Assignment- Page 4 of 6

| | Jan 6 2015 | An Andrew |
|------|---|---|
| Date | | Adam M. Fiske |
| | STATE OF MASS | var Lucia Le |
| | | |
| | COUNTY OF 8 | <u> </u> |
| | public, personally apsigner), proved to me MA drivers 136 | peared |
| | | Stay McGarry |
| | (SEAL) | Printed name of Notary: Stacy Mc Garry |
| | | My commission expires: Stacy Mclastry Notary Public Commission Expires My Commission Expires November 26, 2021 |

Attorney Docket No.: A2000-748119(APC-0558)
Assignment- Page 5 of 6

| | lassachurells ; |
|--|---|
| COUNTY OF | <u> </u> |
| On this 10 | day of January, 2015, before me, the undersigned notary |
| public, persona | ally appeared <u>Tregeng Ren</u> (name of documen |
| | I to me through satisfactory evidence of identification, which were |
| en e | to be the person whose name is signed on the |
| | tached document, and acknowledged to me that (he) (she) signed |
| | or its stated purpose. |
| | Yay UcGary |
| | |
| (SEAL |) Printed name of Notary: |
| (SEAL) | Stacy McGarry |
| (SEAL) | |

Attorney Docket No.: A2000-748119(APC-0558)

Assignment-Page 6 of 6

| | · . | By: | SCHNEIDI | ER ELECTI | RIC IT COR | PORATION |
|------|------------------------|---------------------|---|---------------|--|------------------|
| | | 5 | ر مینیستند مینی | | <u> </u> | janearies |
| Date | | | Signature F. Jan | mes Coe | | |
| | | • | Printed Nar | | r | |
| | | i-c | Chief Title/Autho | | nsel – Amei or | icas |
| | STATE OF | 7 7 | | | | |
| | COUNTY OF | 22.4.A | *************************************** | | | |
| | On this day o | f January | , 2015, befo | ore me, the u | ındersigned | notary |
| | public, personally ar | | | | | |
| | signer), proved to me | e through satisfact | ory evidence | of identific | cation, which | h were |
| | personally know | on to me, to t | e the person | whose nam | e is signed (| on the |
| | preceding or attached | I document, and a | cknowledged | d to me that | (he) (she) s | igned |
| | it voluntarily for its | stated purpose. | | | | |
| | | \ <u>\</u> | Yang | <u> </u> | <u>u</u> | |
| | (SEAL) | Printed name of | Notary: | Stacy 1 | 1c Garr | 4 |
| | | My commission | expires: | D CONNONN | ICY McGari Notary Public EAUTH OF MASSAC Commission Exp vember 26, 202 | Huserrad ires |

PATENT REEL: 034773 FRAME: 0318

RECORDED: 01/21/2015