# PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: **NEW ASSIGNMENT** 

**NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| Donald W. Heckel | 01/27/2012     |

### **RECEIVING PARTY DATA**

| Name:           | TYCO Healthcare Group LP |  |
|-----------------|--------------------------|--|
| Street Address: | 15 Hampshire Street      |  |
| City:           | Mansfield                |  |
| State/Country:  | MASSACHUSETTS            |  |
| Postal Code:    | 02048                    |  |

### PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 13360306 |

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: H-EB-00460 (203-7941B)

NAME OF SUBMITTER: Stephen B. Perkins

Total Attachments: 3

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REEL: 027610 FRAME: 0897 501801316

For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor(s) or [] Present Owner

## **ASSIGNMENT OF INVENTION**

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, **ASSIGNORS**:

Donald W. Heckel

| was recorded i   | (If assignment is by person or entity to whom invention was previously assigned and this n PTO add the following)  Recorded on:   |  |  |  |
|--|---|--|--|--|
|  | Reel  |  |  |  |
|  | Frame   |  |  |  |
| hereby sells, a  | ssigns and transfers to   |  |  |  |
| ASSIGNEE:  |   |  |  |  |
| ACCICIALE.   | TYCO Healthcare Group LP (Type or print name of ASSIGNEE) Address 15 Hampshire Street   |  |  |  |
|  | Mansfield, MA 02048   |  |  |  |
|  | U.S.A.  |  |  |  |
|  | Nationality   |  |  |  |
| and the succes   | ssors, assigns and legal representatives of the ASSIGNEE  |  |  |  |
| [X] the entire r   | ight, title and interest  |  |  |  |
| [] an undivide possessions   | d percent (%) interest for the United States and its territorial  |  |  |  |
| future infringen   | oreign countries, including all rights to claim priority, the right to sue for present, past and nent, in the United States, its territorial possessions, and in all foreign countries, including all vention rights in and to the invention and any and all improvements entitled: |  |  |  |
| SYSTEMS AND METHODS FOR PHASE PREDICTIVE IMPEDANCE LOSS MODEL CALIBRATION AND COMPENSATION |   |  |  |  |
|  | (title of invention)  |  |  |  |
| and which is fo  | und in  |  |  |  |
| (a) [x]  | U.S. patent application executed on even date herewith.   |  |  |  |
| (b) []   | U.S. patent application executed on U.S. application Serial Nofiled on  |  |  |  |
| (c) []<br>(d) []   | U.S. provisional application No   |  |  |  |
| (a) []   | filed on  |  |  |  |
| (e) []   | U.S. Patent Noissued  |  |  |  |
| (f) [ ]  | PCT application Nofiled on  |  |  |  |
|  |   |  |  |  |

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|   | []   | A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.  |
|---|--|--|
| (g)   | [X]  | and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof   |
| has be  | en or will   | ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance be made or entered into which would conflict with this assignment;   |
| Tradem  | narks to i   | ASSIGNORS hereby authorizes and requests the Commissioner of Patents and ssue all such Letters Patent to ASSIGNEE:   |
| equival<br>and del<br>Letters<br>represe<br>or parts<br>oaths a<br>comper | ents; to t<br>iver any<br>Patents<br>entatives;<br>thereof,<br>nd do all | ASSIGNORS further covenants to promptly provide all pertinent facts and documents essible to ASSIGNORS relating to said invention and said Letters Patent and legal estify as to the same in any interference, litigation or proceeding related thereto; to execute and all papers that may be necessary or desirable to perfect the title to said invention or any which may be granted therefor in said ASSIGNEE, its successors, assigns or other legal to execute any additional or divisional applications for patents for said invention, or any part and for the reissue of any Letters Patents to be granted therefor; and to make all rightful lawful acts requisite for procuring the same or for aiding therein, all without further out at the sole expense of ASSIGNEE, its successors, assigns, or other legal |
| Serial N<br>them.   | lo. and/c  | ASSIGNORS hereby grants ASSIGNEE and Assignee's attorneys the power to insert the or filing date of the above-described application(s) after such information becomes known to   |
| IN WIT  | NESS W   | HEREOF, I/We have hereunto set hand and seal.  |
| WARN  | NG:  | Date of signing must be the <b>same as</b> the date of execution of the application if item (a) was checked above.   |
| /   | Un   | 1/27/2012  |
| Donald  | W. Hec   | kel Dated  |

[X] Notarization or Legalization Page Added.

| State of Colorado | )                                      |
|-------------------|--|
| County of Boulder | ) ss<br>)                              |
| Before me this    | <u> 27</u> day of <u>Junuary</u> 2012, |

personally appeared **Donald W. Heckel** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Melacek

AFFIX SEAL



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