## 504758548 02/01/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4805276

| SUBMISSION TYPE:  |                                | NEW ASSIGNMENT  |                |  |  |
|---|--------------------------------|---|----------------|--|--|
| NATURE OF CONVEYANCE:   |                                | ASSIGNMENT  |                |  |  |
|   | A T A                          |   |                |  |  |
| CONVEYING PARTY D   |                                | Name  | Execution Date |  |  |
| HIRA V. THAPLIYAL   |                                | Name  | 10/30/2009     |  |  |
|   |                                |   |                |  |  |
| DAVID A. GALLUP   |                                |   | 10/30/2009     |  |  |
| JAMES W. ARENSON  |                                | 10/30/2009  |                |  |  |
| RECEIVING PARTY DA  | ТА                             |   |                |  |  |
| Name: VYTRONUS, INC   |                                |   |                |  |  |
| Street Address:   | 658 N.                         | 658 N. PASTORIA AVE.  |                |  |  |
| City:   | SUNN                           | SUNNYVALE   |                |  |  |
| State/Country:  | CALIF                          | CALIFORNIA  |                |  |  |
| Postal Code:  | 94085                          |   |                |  |  |
| PROPERTY NUMBERS  |                                | Number  |                |  |  |
|   |                                |   |                |  |  |
|   |                                |   |                |  |  |
| Property Type   |                                | Number  |                |  |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE  |                                | <b>Number</b><br>15790841   |                |  |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE D<br>Fax Number:   | ΑΤΑ                            | Number<br>15790841<br>(650)493-6811   |                |  |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will b</i>   | DATA<br>be sent to             | Number   15790841   (650)493-6811   o the e-mail address first; if that is unsucced   |                |  |  |
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| Property Type<br>Application Number:<br>CORRESPONDENCE D<br>Fax Number:<br><i>Correspondence will b</i><br><i>using a fax number, if</i><br>Phone:<br>Email:<br>Correspondent Name:   | DATA<br>De sent to<br>provideo | Number   15790841   (650)493-6811   o the e-mail address first; if that is unsuccessful, it will be sent via   650 493-9300   patentdocket@wsgr.com,klopez@wsgr.com   WILSON SONSINI GOODRICH & ROSATI  | a US Mail.     |  |  |
| Property Type<br>Application Number:<br>CORRESPONDENCE E<br>Fax Number:<br><i>Correspondence will b</i><br><i>using a fax number, if</i><br>Phone:<br>Email:<br>Correspondent Name:<br>Address Line 1:  | DATA<br>De sent to<br>provideo | Number   15790841   (650)493-6811   o the e-mail address first; if that is unsucced; if that is unsuccessful, it will be sent via   650 493-9300   patentdocket@wsgr.com,klopez@wsgr.com   WILSON SONSINI GOODRICH & ROSATI   650 PAGE MILL ROAD  | a US Mail.     |  |  |
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## ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Hira V. THAPLIYAL of 262 Covington Road, Los Altos, CA 94024; David A. GALLUP of 415 Cola Ballena, Alameda, CA 94501; and James W. ARENSON of 13680 Skyline Boulevard, Woodside, CA 94062, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

| Title of Invention: | SYSTEM AND METHOD FOR ENERGY DELIVERY TO |
|---------------------|--|
|                     | TISSUE WHILE MONITORING POSITION, LESION |
|                     | DEPTH, AND WALL MOTION                   |
|                     |  |

Date(s) of execution of Declaration:

Filing Date: October 30, 2009

Application No.: 12/609,759; and

WHEREAS, VytronUS, Inc., located at 658 N. Pastoria Avenue, Sunnyvale, CA 94085, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignor, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

| Dated: $10/3$ | 0/09  | _ shship          |
|---------------|-------|-------------------|
| /             |       | Hira V. THAPLIYAL |
| Dated:/ 0/    | 30/09 | Daviel I delup    |
|               |       | David A. GALLUP   |
| Dated:/ 0     | 30/09 | James Willremon   |
|               |       | James W. ARENSON  |

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PATENT REEL: 044800 FRAME: 0323

**RECORDED: 02/01/2018**