| Form <b>PTO-1595</b> (Rev. 08/05)<br>OMB No. 0651-0027 (exp. 6/30/2008)              | 12-2008 U.S. DEPARTMENT OF COMMERCE                                      |
|--|--|
| REC:   |  |
| To the Director of the U.S. Patent and Trade.  | 519212   |
| 1. Name of conveying party(les)  | 2. Name and address of receiving party(ies)                              |
| Linda O. Palladino<br>Diana L. Clarke  | Name: STEMNION, INC.   |
| Vivienne S. Harshall<br>Charlotte A. Smith   | Internal Address: <u>Suite 400</u>                                       |
| MAKTIN C. ROI3 50N Additional name(s) of conveying party(ies) attached? Yes No       | Test 1 70  |
| 3. Nature of conveyance/Execution Date(s):  Execution Date(s) 8/4/08; 8/5/08; 8/6/08 | Street Address: Ino Technology DRIVE                                     |
| Assignment Merger  Security Agreement Change of Name                                 | city: PIHSGUISH  |
| Joint Research Agreement   | State: PA  |
| Government Interest Assignment   | Country: <u>USA</u> <u>Zip: 15219</u>                                    |
| Executive Order 9424, Confirmatory License  Other                                    |  |
|  | Additional name(s) & address(es) attached? Yes No                        |
|  | document is being filed together with a new application.                 |
| A. Patent Application No.(s)   | B. Patent No.(s)   |
| 12/217,259   | 7 5  |
| 12/1/1/10  |  |
| Additional numbers attached? Yes No  |  |
| 5. Name and address to whom correspondence   | 6. Total number of applications and patents $\omega$                     |
| concerning document should be mailed:  | involved: Oxe  |
| Name: Linda O Palladino  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40                               |
| Internal Address:  | Authorized to be charged by credit card                                  |
|  | Authorized to be charged to deposit account                              |
| Street Address: 45 Honey suckle Ct.  | Enclosed   |
| Street Address: 70 Horray SVCLCC 9   | None required (government interest not affecting title)                  |
| city: Stormuille   | 8. Payment Information   |
|  | a. Credit Card Last 4 Numbers /029<br>Expiration Date _ /0/2009          |
| State: 74 Zip: 13582 Phone Number: 845-227-0364                                      | b. Deposit Ageountablumber   |
| Fax Number:  | ie me mall   |
| Email Address: Ipalla dina @ Stemnion. Com   | Authorized ประกัพสme   |
| 9. Signature: Lida O. Palladin   | $Q \subseteq Q = Q(X) = 1$   |
| Linda O. Palladeno   | Total number of pages including cover sheet, attachments, and documents: |
| Name of Person Signing  Documents to be recorded (including cover she                | net) should be faxed to (571) 273-0140, or mailed to:                    |

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450,

U.S. DEPARTMENT OF COMMERCE

Docket Number: STM-U-0251

USSN: 12/217,259

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS:

Linda O. Palladino, a citizen of the United States of America, residing at 45 Honeysuckle Court, Stormville, NY 12582;

Diana L. Clarke, a citizen of the United States of America, residing at 4733 Centre Avenue #8A, Pittsburgh, PA 15213;

Vivienne S. Marshall, a citizen of New Zealand, residing at 594 Kimble Drive, Glenshaw, PA 15116;

Charlotte A. Smith, a citizen of the United States, residing at 805 Westchester Drive, Wexford, PA 15090; and

Martin C. Robson, a citizen of the United States, residing at 3619 S.E. Cambridge Drive, Stuart, Fl 34997, (hereinafter ASSIGNOR), has made a discovery or invention entitled:

"Methods related to surgery"

For which application of Letters Patent of the United States has been filed:

[ ] concurrently herewith

[X] was filed as U.S. Patent Application Serial No. 12/215,092 on June 25, 2008;

## WHEREAS:

STEMNION, INC., a Delaware Corporation, having a principal place of business at 100 Technology Drive, Pittsburgh, PA 15219 (hereinafter ASSIGNEE)

is desirous of acquiring the entire interest in, to and under said discovery or invention and in, to and under all Letters Patent or similar legal protection to be obtained therefore in the United States of America and in all foreign countries.

NOW, THEREFORE, in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of one dollar (\$1.00) or the equivalent thereof, the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors, legal representatives and assigns, the full and exclusive right, title and interest to said discovery or invention in the United States of America and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in all foreign countries to be obtained for said discovery or invention by said application or any continuation, divisional, continuation-in-part, renewal, extension,

PATENT REEL: 021386 FRAME: 0034 Docket Number: STM-U-0251

USSN: 12/217,259

substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same my be granted.

SAID ASSIGNOR hereby authorizes and requests the Commissioner for Patents of the United States of America and any Official of any countries foreign to the United States of America whose duty it is to issue Letters Patent on applications as aforesaid, to issue all such Letters Patent for said discovery or invention to the ASSIGNEE, as assignee of the entire right, title and interest in, to and under the same, for the sole use and behalf of the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

SAID ASSIGNOR hereby covenants that ASSIGNOR has the full right to convey the entire right, title and interest herein sold, assigned, transferred and set over to ASSIGNEE.

AND SAID ASSIGNOR hereby further covenants and agrees that the ASSIGNEE, its successors, legal representatives and assigns, may apply for foreign Letters Patent on said discovery or invention and claim the benefits of the International Convention, and that ASSIGNOR will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, communicate to the ASSIGNEE, its successors, legal representatives, or assigns, as the case may be, any facts known to ASSIGNOR respecting said discovery or invention, and execute and deliver any and all lawful papers that may be necessary or desirable to perfect the title of said discovery or invention, said applications and said Letters Patent and that if reissues of said Letters Patent or disclaimers relating thereto, or continuations, divisionals or refilings of said applications shall hereafter be desired by the ASSIGNEE, its successors, legal representatives or assigns, ASSIGNOR will, at any time, when called upon to do so by the ASSIGNEE, its successors, legal representatives, or assigns, sign all lawful papers, make all rightful oaths, execute and deliver all such disclaimers for all continuation, divisional and reissue applications so desired, and do all lawful acts requisite for the application for such reissues and the procuring thereof and for the filing of such disclaimers and such applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said discovery or invention in the United States of America an all foreign countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

| Date: 8/6 - 08 |
|----------------|
| Date: 8 5 08   |
| Date: 8 5 98   |
| Date: 815/08   |

**RECORDED: 08/11/2008** 

Date: 8-4-2008

Name: Scila O. Calla Lino

Name: Mane: Man

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