

Form PTO-1595 (Rev. 08/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

### RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Richard A. Banas  
David L. Steed  
Randall G. Rupp

Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**

Name: STEMNION, INC.  
Internal Address: Suite 200

Street Address: 100 Technology Drive

City: Pittsburgh

State: PA

Country: USA Zip: 15219

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 1/11/2012; 4/23/2012

- Assignment  Merger
- Security Agreement  Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

13/199,291

B. Patent No.(s)

Additional numbers attached?  Yes  No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Linda O. Palladino

Internal Address: \_\_\_\_\_

Street Address: 45 Honeyuckle Ct.

City: Storerville

State: Ny Zip: 12582

Phone Number: 845-227-0364

Fax Number: \_\_\_\_\_

Email Address: lpalladino@stemnion.com

**6. Total number of applications and patents involved:** one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40-

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 1033  
Expiration Date 03/2016

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

9. Signature: Linda O. Palladino

05/03/2012

Linda O. Palladino  
Signature  
Name of Person Signing

Date

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22304-1450

PATENT

OP \$40.00 13199291

Docket Number: STM-U-0610

USSN: 13/199,291

**ASSIGNMENT OF APPLICATION FOR PATENT**

WHEREAS:

Richard A. Banas, a citizen of the United States of America, residing at 324 Homer Drive, Turtle Creek, PA, 15145, David L. Steed, a citizen of the United States, residing at 2019 Hampstead Drive, Pittsburgh, PA 15235 and Randall Rupp, a citizen of the United States of America, residing at 61 Fadden Road, Swanton, VT 05488 (hereinafter ASSIGNOR), has made a discovery or invention entitled:

“Compositions and Methods for Modulating Ischemic Injury”

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

concurrently herewith

was filed as U.S. Patent Application Serial No. 13/199,291 on August 25, 2011;

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, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may 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

Docket Number: STM-U-0610

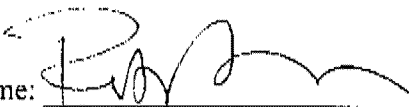
USSN: 13/199,291

ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

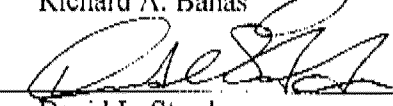
SAID ASSIGNOR hereby covenants that ASSIGNOR has the full right to convey the entire right, title and interest herein sold, assigned, transferred and set over to ASSIGNEE.

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 and all foreign countries, all without further compensation but at the expense of the ASSIGNEE, its successors, legal representatives and assigns.

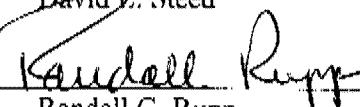
Date: 1/11/12

Name:   
Richard A. Banas

Date: 1/11/2012

Name:   
David L. Steed

Date: 23 April 2012

Name:   
Randall G. Rupp