

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>  | NEW ASSIGNMENT                          |               |                |                     |            |           |            |                |            |             |            |
|--|---|---------------|----------------|---------------------|------------|-----------|------------|----------------|------------|-------------|------------|
| <b>NATURE OF CONVEYANCE:</b>   | ASSIGNMENT                              |               |                |                     |            |           |            |                |            |             |            |
| <b>CONVEYING PARTY DATA</b>  |   |               |                |                     |            |           |            |                |            |             |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Graham Dixon</td> <td>02/06/2007</td> </tr> <tr> <td>Mark Hart</td> <td>01/25/2007</td> </tr> <tr> <td>Ola Pettersson</td> <td>01/30/2007</td> </tr> <tr> <td>Chad Sneath</td> <td>04/19/2007</td> </tr> </tbody> </table> |   | Name          | Execution Date | Graham Dixon        | 02/06/2007 | Mark Hart | 01/25/2007 | Ola Pettersson | 01/30/2007 | Chad Sneath | 04/19/2007 |
| Name   | Execution Date                          |               |                |                     |            |           |            |                |            |             |            |
| Graham Dixon   | 02/06/2007                              |               |                |                     |            |           |            |                |            |             |            |
| Mark Hart  | 01/25/2007                              |               |                |                     |            |           |            |                |            |             |            |
| Ola Pettersson   | 01/30/2007                              |               |                |                     |            |           |            |                |            |             |            |
| Chad Sneath  | 04/19/2007                              |               |                |                     |            |           |            |                |            |             |            |
| <b>RECEIVING PARTY DATA</b>  |   |               |                |                     |            |           |            |                |            |             |            |
| <b>Name:</b>   | EAGLEPICHER TECHNOLOGIES, LLC           |               |                |                     |            |           |            |                |            |             |            |
| <b>Street Address:</b>   | 3402 East University Drive              |               |                |                     |            |           |            |                |            |             |            |
| <b>City:</b>   | PHOENIX                                 |               |                |                     |            |           |            |                |            |             |            |
| <b>State/Country:</b>  | ARIZONA                                 |               |                |                     |            |           |            |                |            |             |            |
| <b>Postal Code:</b>  | 85034                                   |               |                |                     |            |           |            |                |            |             |            |
| <b>PROPERTY NUMBERS Total: 1</b>   |   |               |                |                     |            |           |            |                |            |             |            |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11670856</td> </tr> </tbody> </table>  |   | Property Type | Number         | Application Number: | 11670856   |           |            |                |            |             |            |
| Property Type  | Number                                  |               |                |                     |            |           |            |                |            |             |            |
| Application Number:  | 11670856                                |               |                |                     |            |           |            |                |            |             |            |
| <b>CORRESPONDENCE DATA</b>   |   |               |                |                     |            |           |            |                |            |             |            |
| <b>Fax Number:</b>   | (602)382-6070                           |               |                |                     |            |           |            |                |            |             |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>   |   |               |                |                     |            |           |            |                |            |             |            |
| <b>Phone:</b>  | 6023826000                              |               |                |                     |            |           |            |                |            |             |            |
| <b>Email:</b>  | wneal@swlaw.com                         |               |                |                     |            |           |            |                |            |             |            |
| <b>Correspondent Name:</b>   | Snell & Wilmer L.L.P.                   |               |                |                     |            |           |            |                |            |             |            |
| <b>Address Line 1:</b>   | One Arizona Center, 400 E. Van Buren St |               |                |                     |            |           |            |                |            |             |            |
| <b>Address Line 2:</b>   | Wendy S. Neal                           |               |                |                     |            |           |            |                |            |             |            |
| <b>Address Line 4:</b>   | PHOENIX, ARIZONA 85004-2202             |               |                |                     |            |           |            |                |            |             |            |
| <b>ATTORNEY DOCKET NUMBER:</b>   | 48582.0300                              |               |                |                     |            |           |            |                |            |             |            |
| <b>NAME OF SUBMITTER:</b>  | Wendy S. Neal                           |               |                |                     |            |           |            |                |            |             |            |

**CH \$40.00 11670856**

Total Attachments: 5

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# ASSIGNMENT

UTILITY PATENT

**WHEREAS**, the undersigned inventors (hereinafter "ASSIGNORS") of the addresses indicated below, have invented a **SYSTEM AND METHOD FOR MANUFACTURING A THERMAL BATTERY** for which application for Letters Patent of the United States has been executed herewith;

**AND WHEREAS**, EAGLEPICHER TECHNOLOGIES, LLC (hereinafter "ASSIGNEE"), a limited liability company organized and existing under and by virtue of the laws of the State of Delaware, having a principal place of business at and a mailing address of 3402 East University Drive, Phoenix, Arizona 85034, is desirous of acquiring an interest therein;

**AND WHEREAS**, a "formal application," as referred to herein, shall mean any provisional, non-provisional, utility, design, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document;

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS by these presents do sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid applications, to the invention as described in the aforesaid applications, and to all formal applications which may be filed based in whole or in part on one or more of the aforesaid applications, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives;

**AND HEREBY AGREE** to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention;

**AGREEING, FURTHERMORE**, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein;

**AGREEING, FURTHERMORE**, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with Snell & Wilmer L.L.P., Customer No. 20322, to insert above the filing date and/or the application number of said application when known.

EXECUTED as of the date(s) written below by ASSIGNOR:

First inventor: Graham Dixon

Signature: Graham Dixon Date: 2/6/2007

Residence address: 16641 SOUTH 24<sup>th</sup> PLANE, PHOENIX, AZ 85048

STATE OF Arizona )  
 ) ss.  
COUNTY OF Maricopa )

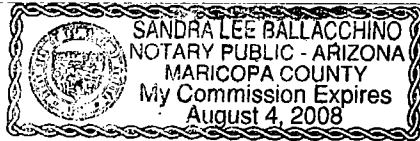
On this 6 day of February, 2007, before me, a notary public in and for said county, appeared **Graham Dixon** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

Sandra Lee Ballacchino

Notary Public

My commission expires:

Aug. 4, 2008



Second inventor: Mark Hart

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence address: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me, a notary public in and for said county, appeared **Mark Hart** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

My commission expires:

\_\_\_\_\_

**EXECUTED** as of the date(s) written below by ASSIGNOR:

First inventor: Graham Dixon

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence address: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me, a notary public in and for said county, appeared **Graham Dixon** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

My commission expires:

\_\_\_\_\_

Second inventor: Mark Hart

Signature: *Mark Hart* Date: 1/25/07

Residence address: 503 Caspian Ashland MO 65010

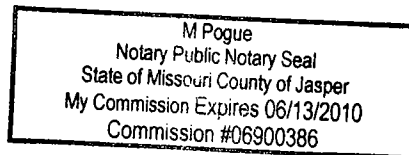
STATE OF Missouri )  
 ) ss.  
COUNTY OF Jasper )

On this 25<sup>th</sup> day of January, 2007, before me, a notary public in and for said county, appeared **Mark Hart** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

*M. Pogue*  
Notary Public

My commission expires:

6/13/10



Third inventor: Ola Pettersson

Signature: *Ola Pettersson*

Date: 1/30-2007

Residence address: 2211 Shades Creek Rd., Huntville, AL 35801

STATE OF Missouri )

) ss.

COUNTY OF Jasper )

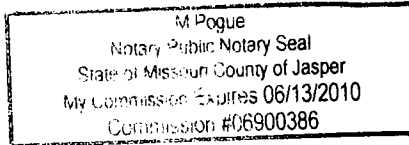
On this 31<sup>st</sup> day of January, 2007, before me, a notary public in and for said county, appeared **Ola Pettersson** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

*M. Pogue*

Notary Public

My commission expires:

6/13/10



Fourth inventor: Chad Sneath

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Residence address: \_\_\_\_\_

STATE OF \_\_\_\_\_ )

) ss.

COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me, a notary public in and for said county, appeared **Chad Sneath** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

Third inventor: Ola Pettersson

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Residence address: \_\_\_\_\_

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On this \_\_\_\_\_ day of \_\_\_\_\_, 2007, before me, a notary public in and for said county, appeared **Ola Pettersson** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

\_\_\_\_\_  
Notary Public

My commission expires:  
\_\_\_\_\_

Fourth inventor: Chad Sneath

Signature: *[Signature]* Date: 4/19/07

Residence address: 1422 W. VAUGHN AVE ELIZABET, AZ 85233

STATE OF ARIZONA )  
 ) ss.  
COUNTY OF MARICOPA )

On this 19<sup>th</sup> day of APRIL, 2007, before me, a notary public in and for said county, appeared **Chad Sneath** who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

*Catherine C. Dowell*  
Notary Public

My commission expires:

June 15, 2010

