

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>James A. Cowan</td> <td>06/02/2012</td> </tr> <tr> <td>Ada S. Cowan</td> <td>06/02/2012</td> </tr> <tr> <td>Donna T. Palmer</td> <td>06/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	James A. Cowan	06/02/2012	Ada S. Cowan	06/02/2012	Donna T. Palmer	06/18/2012
Name	Execution Date								
James A. Cowan	06/02/2012								
Ada S. Cowan	06/02/2012								
Donna T. Palmer	06/18/2012								
RECEIVING PARTY DATA									
Name:	MetalloPharm LLC								
Street Address:	1790 Riverstone Drive								
City:	Delaware								
State/Country:	OHIO								
Postal Code:	43015								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13470299</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13470299				
Property Type	Number								
Application Number:	13470299								
CORRESPONDENCE DATA									
Fax Number:	8586830390								
Phone:	6192033186								
Email:	docketing@acuitylg.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Michael A. Whittaker								
Address Line 1:	12707 High Bluff Drive, Ste. 200								
Address Line 2:	Acuity Law Group, P.C.								
Address Line 4:	San Diego, CALIFORNIA 92130								
ATTORNEY DOCKET NUMBER:	MET-0001-UT								
NAME OF SUBMITTER:	Kristen Lemme								
Total Attachments: 6									

OP \$40.00 13470299

source=MET0001UT\_Assignment#page1.tif  
source=MET0001UT\_Assignment#page2.tif  
source=MET0001UT\_Assignment#page3.tif  
source=MET0001UT\_Assignment#page4.tif  
source=MET0001UT\_Assignment#page5.tif  
source=MET0001UT\_Assignment#page6.tif

ASSIGNMENT AND AGREEMENT

*WHEREAS, James A. Cowan, residing at 1790 Riverstone Drive, Delaware, Ohio, 43015, USA; Ada S. Cowan, residing at 1790 Riverstone Drive, Delaware, Ohio, 43015, USA; and Donna T. Palmer, residing at 11019 Scripps Ranch Blvd., San Diego, California, 92131, USA (hereinafter referred to singly and collectively as "ASSIGNOR") has/have invented a certain invention entitled METALLODRUGS HAVING IMPROVED PHARMACOLOGICAL PROPERTIES, AND METHODS OF MANUFACTURE AND USE THEREOF for which an application for United States Application was filed on May 12, 2012, as U.S. Serial Number 13/470,299, and*

*WHEREAS, MetalloPharm LLC, a corporation, and having its principal place of business at 1790 Riverstone Drive, Delaware, Ohio, 43015, USA (hereinafter "ASSIGNEE"), desires to acquire right, title, and interest in and to said improvements and said Application*

*NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, the inventors, do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, our entire right, title, and interest throughout the world in the Application including any improvements made thereto, and any utility (non-provisional) application(s) claiming priority thereto that have been or may hereafter be filed; such filings including divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be, or have heretofore been, filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner for Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the ASSIGNEE, successors, legal representatives and assigns, in accordance with the terms of this instrument.*

*AND WE DO HEREBY* sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent, before or after issuance.

*AND WE HEREBY* covenant and agree that WE will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the improvements, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application including any improvements made thereto, any utility (non-provisional) application(s) filed therefrom, and any continuing application(s) filed from aforementioned utility application(s), and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

*Four (4) Signature Pages follow.*

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2<sup>nd</sup> day of June, 2012.

James A. Cowan  
James A. Cowan

OHIO  
State of ~~California~~  
County of Franklin

On 06/02/12 before me, Anji Mohan  
(insert name and title of the officer)  
personally appeared James A. Cowan  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Anji Mohan (Seal)



ANJI MOHAN  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES 06/24/12

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2<sup>nd</sup> day of June, 2012.

Ada S. Cowan  
Ada S. Cowan

OHIO  
State of ~~California~~  
County of Franklin

On 06/02/12 before me, Anji Mohan  
(insert name and title of the officer)  
personally appeared Ada S. Cowan  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Anji Mohan (Seal)



ANJI MOHAN  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES 08/24/12

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of June,

2011. *DT*  
2012

*Donna T. Palmer*  
Donna T. Palmer

State of California  
County of San Diego

On 6/18/12 before me, Stephanie Higgs, Notary Public  
(insert name and title of the officer)  
personally appeared Donna T. Palmer,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same  
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument  
the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the  
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Stephanie Higgs* (Seal)



The ASSIGNEE hereby accepts the transfer of rights from the ASSIGNOR to the ASSIGNEE.

IN TESTIMONY WHEREOF, and on behalf of the ASSIGNEE, I hereunto set my hand and seal this 2<sup>nd</sup> day of June, 2012.

James A. Cowan  
Signature

JAMES A. COWAN  
Printed Name

PRESIDENT & CEO  
Title

OHIO  
State of ~~California~~  
County of Franklin

On 06/02/12 before me, Anji Mohan  
(insert name and title of the officer)  
personally appeared James A. Cowan

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Anji Mohan (Seal)



ANJI MOHAN  
NOTARY PUBLIC, STATE OF OHIO  
MY COMMISSION EXPIRES 06/24/12