502292384 03/29/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------|----------------|
| Sui Huang | 07/23/2010 |
| Daniel Appella | 07/22/2010 |
| Mark Witschi | 07/26/2010 |
| John Norton | 07/23/2010 |

RECEIVING PARTY DATA

| Name: | IORTHWESTERN UNIVERSITY | |
|-----------------|-------------------------|--|
| Street Address: | 633 Clark Street | |
| City: | Evanston | |
| State/Country: | ILLINOIS | |
| Postal Code: | 60208 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13853513 |

CORRESPONDENCE DATA

Fax Number: 6086621276

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 608-662-1277

Email: vlhoeft@casimirjones.com
Correspondent Name: Casimir Jones, S.C.

Address Line 1: 2275 DEMING WAY, SUITE 310
Address Line 4: MIDDLETON, WISCONSIN 53562

| ATTORNEY DOCKET NUMBER: | NWEST-30228/US-3/DIV |
|-------------------------|----------------------|
| NAME OF SUBMITTER: | Robert A. Goetz |

Total Attachments: 5

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> PATENT REEL: 030116 FRAME: 0415

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502292384

WHEREAS, WE, SUI HUANG, JOHN NORTON, DANIEL APPELLA and MARK WITSCHI hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

MY COMMISSION EXPIRES 5/21/2013

ANTI-CANCER COMPOUNDS

International Filing Date: 12-January-2009

International Patent Application No. PCT/US2009/030757

U.S. Serial No.: 12/812,114

WHEREAS. Northwestern University, an Illinois not-for-profit corporation having a place of business at 633 Clark Street, Evanston, IL 60208, US, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE's successors and assigns, all right, title and interest in and to said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

| IN TESTIMONY WHEREO | F, ASSIGNO | ORS have hereur | to signed ASSIGNORS' names to this Assignment | on the date |
|--|---------------|------------------|--|---|
| indicated below. | -1 | 7/23/10 | , · | |
| Sui Huang | V | Date | John Norton | Date |
| Daniel Appella | | Date | Mark Witschi | Date |
| | •, | ; | | |
| STATE OF Illianis) COUNTY OF COOK } | \$ \$. | | | |
| On this 23rd d | personally | appeared the abo | in the year of, to ye-named ASSIGNORS, known to me (or proven to ubscribed to the within instrument, and acknowledge | pefore me, the o me on the ed that they |
| executed the same. | | | Severy Ruth Mille NOTARY PUBLIC OF WITNESS | 7 |
| SEAL OFFICIAL SE BEVERLY RUTH MILE NOTABLE STATE OF THE SEAL OF TH | | | MY COMMISSION EXPIRES: 5/2/ | 12013 |

PATENT **REEL: 030116 FRAME: 0416**

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Title of Invention:

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International Filing Date: 12-January-2009

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IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated below.

| Sui Huang | Date | John Norton | Date |
|-------------------------------------|-----------------------------|---|--------------------|
| This a well | 7/22/10 | | |
| Daniel Appella | Date | Mark Witschi | Date |
| | | | |
| | | | |
| STATE OF) | ss. | | |
| COUNTY OF | 33, | | |
| On this | day of Quly | , in the year of $\partial \mathcal{O}$ | 10, before me, the |
| undersigned Notary Public or Witnes | ss, personally appeared the | e above-named ASSIGNORS, known to rare subscribed to the within instrument, a | |
| everyted the same | 시간 현대의 사는 요즘 소리를 보면 살았다. > | Mr. Son Su. | |
| Commonwealth/Stale | der che, Ficderick | NOTARY PUBLIC or WITNES | SS |
| SEAL sworn before the this. | LUGUE MASS STICKCLUDES, MAN | MY COMMISSION EXPIRES: | 01/22/2010 |
| λh (Δ tur | Appella | | |
| Sparie of fareor 3 | eeting acknowledgment) | | |
| Notary Public | 05/11/2013 | | |

PATENT REEL: 030116 FRAME: 0417

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Title of Invention:

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International Filing Date: 12-January-2009

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| Sui Huang | Date | John Norton | Date |
|--------------------|---|---|---------------------|
| Daniel Appella | Date | Mark Witschi | OTIU/I Date |
| STATE OF CALIFORN. |)) ss.) | | |
| | day of 30LY itness, personally appeared the able the persons whose names are | bove-named ASSIGNORS, known to me (or personal acknowledge) | proven to me on the |
| SEAL ON NOUNT | EY SOLLIDAY IM #1879482 Public California OLO COUNTY n, Exp. FEB 5, 2014 | NOTARY PUBLIC 61 WITNESS MY COMMISSION EXPIRES: <u>FER</u> | ; 06 tord |

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IN TESTIMONY WIREREOF, ASSIGNORS have bereunto signed ASSIGNORS' names to this Assignment on the date

| indicated below. | | | 14/1-11/- | 7/22/ |
|---|------------------------|------------------|---|------------------------|
| 11/14 | | | 11-11-11 | Te //03/1 |
| Sui Huang | | Date | John Norton | f Date |
| Daniel Appella | | Date | Mark Witschi | Date |
| STATE OF |)) ss. | | | |
| COUNTY OF | ; · · · · | SEE | ACKNOWLEAGUENT | ATTACHOS |
| On this undersigned Notary Public basis of satisfactory eviden executed the same. | or Witness, personally | appeared the abo | in the year of ove-named ASSIGNORS, known to me (subscribed to the within instrument, and a | or proyen to me on the |
| | | | NOTARY PUBLIC of WITNESS | |
| SEAL | | | MY COMMISSION EXPIRES: | |

| On 23 July 2010 before me, Bryan | PROFFERE, LZ NOTHER PUBLIC |
|---|---|
| personally appeared Jehn Nonten | Name(s) of Signaria) |
| BRYAN R. PETTENGILL Commission # 1797404 Notary Public - California & San Diego County My Comm. Expires May 8, 2012 | who proved to me on the basis of satisfactor evidence to be the person(e) whose name(e) is/an subscribed to the within instrument and acknowledge to me that he/she/they executed the same in his/her/their authorized capacity(iea), and that be his/her/their signature(e) on the instrument the person(e) or the entity upon behalf of which the person(e) acted, executed the instrument. |
| | laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal. |
| Place Norwy Scal and/or Stamp Ahrwe OPTIC | Signature: Syn R Fall of Sansture of Warter Phone |
| Though the information below is not required by lay. | INAL I may prove valuable to persons relying on the document I realtachment of this form to another document |
| Description of Attached Document Title or Type of Document: | |
| | Number of Pages: |
| Signer(s) Other Than Named Above: | |
| Capacity(les) Claimed by Signer(s) | |
| Signer's Name: | |
| ☐ Corporate Officer — Title(s): | |
| ☐ Individual Factor to the property of the p | ☐ Individual ☐ Partner — ☐ Limited ☐ General Topic Humbingre |
| J Attorney in Fact | TAttorney in Fact |
| Trustee | L. Trustee |
| Guardian or Conservator | ☐ Guardian or Conservator |
| □ Other: | Other: |
| Olher: | Signer Is Representing: |
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PATENT REEL: 030116 FRAME: 0420

RECORDED: 03/29/2013