

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3759200

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|---|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| DANIEL D. VON HOFF | 05/21/2007 |
| ROBERT PENNY | 07/11/2007 |
| RECEIVING PARTY DATA | |
| Name: | MOLECULAR PROFILING INSTITUTE, INC. |
| Street Address: | 445 NORTH FIFTH STREET 3RD FLOOR |
| City: | PHOENIX |
| State/Country: | ARIZONA |
| Postal Code: | 85004 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 14473881 |
| Application Number: | 14473871 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 214-294-5558 |
| Email: | kberman@carisls.com |
| Correspondent Name: | KELLY BERMAN |
| Address Line 1: | 6655 NORTH MACARTHUR BLVD. |
| Address Line 4: | IRVING, TEXAS 75039 |
| ATTORNEY DOCKET NUMBER: | 37901-713.305, 713.306 |
| NAME OF SUBMITTER: | KELLY BERMAN |
| SIGNATURE: | /Kelly Berman/ |
| DATE SIGNED: | 02/26/2016 |
| Total Attachments: 4 | |
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| source=713.201_PatentAssignment#page2.tif | |
| source=713.201_PatentAssignment#page3.tif | |
| source=713.201_PatentAssignment#page4.tif | |

ASSIGNMENT

UTILITY PATENT

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively referred to as "ASSIGNOR") of the address(es) indicated below, have invented subject matter disclosed in the patent application entitled SYSTEM AND METHOD FOR DETERMINING INDIVIDUALIZED MEDICAL INTERVENTION FOR A DISEASE STATE which was filed on May 18, 2007 and assigned U.S. Serial No. 11/750,721;

AND WHEREAS, Molecular Profiling Institute, Inc. (hereinafter "ASSIGNEE") a corporation organized and existing under and by virtue of the laws of the State of Arizona having its principal place of business at and a mailing address of 445 North Fifth Street – 3rd Floor, Phoenix, Arizona 85004, is desirous of acquiring an interest therein;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents do sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, 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 any Letters Patent issuing from or claiming priority to said application to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives;

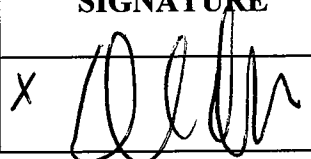
AND HEREBY AGREE to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements, derivative works, and formal applications based thereon, growing out of or relating to the invention;

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;

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.

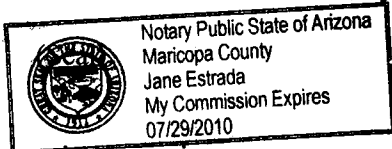
In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with the Snell & Wilmer L.L.P., Customer No. 20322, to insert above the filing date and/or the application number of said application when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

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

| INVENTOR'S NAME | ADDRESS | SIGNATURE | DATE |
|--------------------|---|--|---------|
| Daniel D. Von Hoff | 9830 E. Thompson Peak Pkwy. #906 Scottsdale, AZ 85255 | X  | 5/21/07 |

STATE OF AZ)
) ss.
County of Maricopa

On this 21 day of 2007, 2007, before me, a notary public in and for said county, appeared Daniel D. Von Hoff, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.



Jane Estrada
Notary Public

My commission expires:

7/29/10'

| INVENTOR'S NAME | ADDRESS | SIGNATURE | DATE |
|-----------------|-------------------------------------|-----------|------|
| Robert Penny | 1534 W. 800 N. Lebanon, IN 46052 | | |

STATE OF _____)
) ss.
County of _____)

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

(Seal)

Notary Public

My commission expires:

SNELL & WILMER L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-0001
(602) 382-6000

ASSIGNMENT

UTILITY PATENT

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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, derivative works, 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;

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 the 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:

| INVENTOR'S NAME | ADDRESS | SIGNATURE | DATE |
|--------------------|---|-----------|------|
| Daniel D. Von Hoff | 9830 E. Thompson Peak Pkwy. #906 Scottsdale, AZ 85255 | | |

STATE OF _____)
) ss.
 County of _____)

On this _____ day of _____, 2007, before me, a notary public in and for said county, appeared Daniel D. Von Hoff, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)

 Notary Public

My commission expires:

| INVENTOR'S NAME | ADDRESS | SIGNATURE | DATE |
|-----------------|-------------------------------------|--------------------------------|---------|
| Robert Penny | 1534 W. 800 N. Lebanon, IN 46052 | <i>[Handwritten Signature]</i> | 7-11-07 |

STATE OF Arizona)
) ss.
 County of Maricopa)

On this 11th day of July, 2007, before me, a notary public in and for said county, appeared Robert Penny, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledged that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.

(Seal)

[Handwritten Signature]
 Notary Public



SNELL & WILMER L.L.P.
 One Arizona Center
 400 East Van Buren
 Phoenix, Arizona 85004-0001
 (602) 382-6000