

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Karen S. Gushurst | 11/05/2010 |
| Donglai Yang | 11/10/2010 |
| Melanie Roe | 11/05/2010 |
| Nathan Schultheiss | 11/05/2010 |
| Petinka Vlahova | 11/05/2010 |
| Jeffrey S. Stults | 11/17/2010 |
| Travis L. Houston | 11/05/2010 |
| RECEIVING PARTY DATA | |
| Name: | Aptuit, Inc. |
| Street Address: | Two Greenwich Office Park |
| City: | Greenwich |
| State/Country: | CONNECTICUT |
| Postal Code: | 06831 |
| PROPERTY NUMBERS Total: 2 | |
| Property Type | Number |
| Application Number: | 12393012 |
| PCT Number: | US0935192 |
| CORRESPONDENCE DATA | |
| Fax Number: | (617)607-9200 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 6174496500 |
| Email: | docket@mccarter.com |
| Correspondent Name: | McCarter & English |
| Address Line 1: | 265 Franklin St |
| Address Line 4: | BOSTON, MASSACHUSETTS 02110 |

CH \$80.00 12393012

NAME OF SUBMITTER:

Jonathan M. Sparks, Ph.D.

Total Attachments: 9

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ASSIGNMENT

WE, Karen S. Gushurst, Donglai Yang, Melanie Roe, Nathan Schultheiss, Petinka Vlahova, Jeffrey S. Stults, and Travis L. Houston of West Lafayette, Indiana, Annandale, New Jersey, Lafayette, Indiana, Lafayette, Indiana, West Lafayette, Indiana, West Lafayette, Indiana, and Lafayette, Indiana, respectively, in consideration of One Dollar and other valuable consideration paid to us by

Aptuit, Inc.

a Corporation of Delaware, having their principal places of business at Two Greenwich Office Park, Greenwich, Connecticut 06831, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said

Aptuit, Inc.

their successors and assigns, the entire interest for the United States of America and all foreign countries including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in

FORMS OF RIFAXIMIN AND USES THEREOF

described in the following applications:

- Application No. PCT/US09/035192, filed on February 25, 2009
United States Application No. 12/393,012, filed on February 25, 2009

This application claims the benefit of the following applications:

- United States Provisional Application No. 61/031,329, filed on February 25, 2008

in the United States Patent and Trademark Office, and in all Letters Patent of the United States and all foreign countries which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuing, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Corporation and , respectively and their successors and assigns but at their or their expense and charges, hereafter to execute all applications, amended specifications, deed or other instrument, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said Corporation and , respectively and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

And we do further hereby grant the attorneys/agents of McCarter & English LLP, the power to insert on this Assignment the filing date and/or application number of said application.

Karen S. Gushurst
Karen S. Gushurst

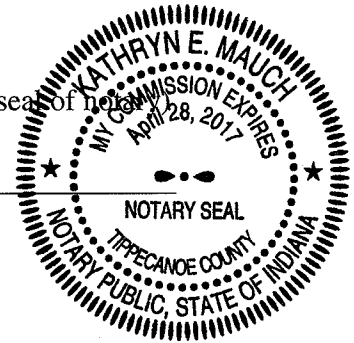
Date: November 5, 2010

United States of America)
State of INDIANA)
County of TIPPECANOE)

On this 05 day of November, 2010 before me, the
the undersigned notary public, personally appeared Karen S. Gushurst
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

Kathryn E. Mauch (official signature and seal of notary)

My commission expires April 28, 2017



[Handwritten Signature]

Donglai Yang

Date: 11/10/10

United States of America)
State of NJ)
County of Somerset)

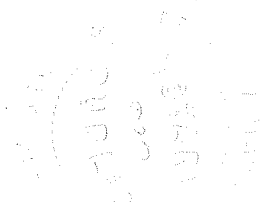
On this 10th day of November, 2010 before me, the
the undersigned notary public, personally appeared Donglai Yang
(name of document signer), proved to me through satisfactory evidence of identification,
which was NJ Drivers License, to be the person whose name
is signed on the preceding or attached document in my presence.

[Handwritten Signature: Preethy Mathew]

(official signature and seal of notary)

My commission expires _____

PREETHY MATHEW
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES JUNE 6, 2012



Melanie J. Roe
Melanie Roe

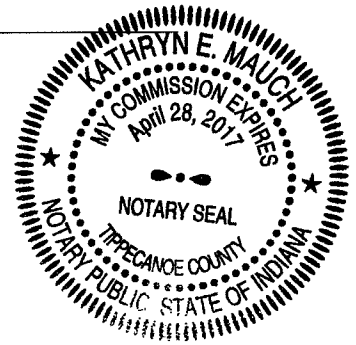
Date: 11/5/10

United States of America)
State of INDIANA)
County of TIPPECANOE)

On this _____ day of November, 2010 before me, the
the undersigned notary public, personally appeared Melanie Roe
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

Kathryn E. Mauch (official signature and seal of notary)

My commission expires April 28, 2017



Nathan Schultheiss
Nathan Schultheiss

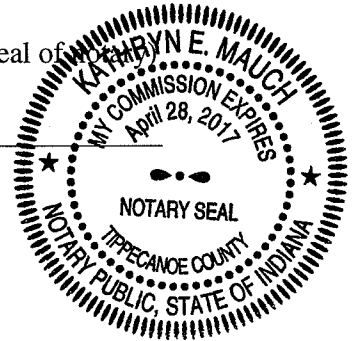
Date: 11/5/2010

United States of America)
State of INDIANA)
County of TIPPECANOE)

On this 05 day of November, 2010 before me, the
the undersigned notary public, personally appeared Nathan Schultheiss
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

_____ (official signature and seal of _____)

My commission expires April 28, 2017



Petinka Valhova
Petinka Valhova

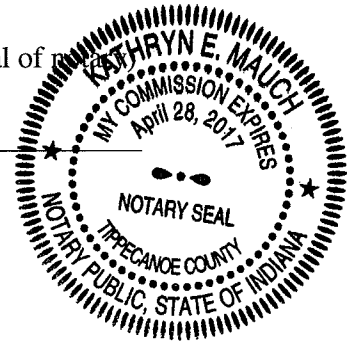
Date: Nov. 5, 2010

United States of America)
State of INDIANA)
County of Tippecanoe)

On this 05 day of November, 2010 before me, the
the undersigned notary public, personally appeared Petinka Valhova
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

(official signature and seal of notary public)

My commission expires April 28, 2017



Jeffrey S. Stults
Jeffrey S. Stults

Date: _____

United States of America)
State of _____)
County of _____)

On this _____ day of _____, 2010 before me, the
the undersigned notary public, personally appeared Jeffrey S. Stults
(name of document signer), proved to me through satisfactory evidence of identification,
which was _____, to be the person whose name
is signed on the preceding or attached document in my presence.

(official signature and seal of notary)

My commission expires _____

See attached Acknowledgment

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of San Mateo }

On Nov 17, 2010 before me, Lori Jepsen, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared Jeffrey Scott Stults
Name(s) of Signer(s)

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 Lori Jepsen
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: _____

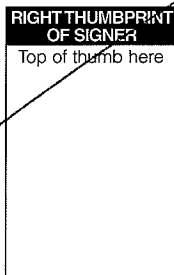
Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

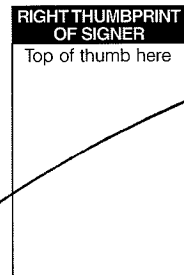
- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Signer's Name: _____

- Individual
- Corporate Officer — Title(s): _____
- Partner — Limited General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: _____



Signer Is Representing: _____

Travis L. Houston

Travis L. Houston

Date: 11-05-10

United States of America)
State of INDIANA)
County of TIPPECANOE)

On this 05 day of November, 2010 before me, the
the undersigned notary public, personally appeared Travis L. Houston
(name of document signer), proved to me through satisfactory evidence of identification,
which was personally known, to be the person whose name
is signed on the preceding or attached document in my presence.

Kathryn E. Mauch (official signature and seal of notary)

My commission expires April 28, 2017

