502587434 12/02/2013

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| SHAWN BAIER | 10/16/2013 |
| LARRY KOLB | 10/18/2013 |
| JOHN RATHMACHER | 10/16/2013 |

RECEIVING PARTY DATA

| Name: | METABOLIC TECHNOLOGIES, INC. |
|-----------------|------------------------------|
| Street Address: | 2711 SOUTH LOOP DRIVE |
| City: | AMES |
| State/Country: | IOWA |
| Postal Code: | 50010 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14023162 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | 5419520/78921 |
|-------------------------|-----------------------------------|
| NAME OF SUBMITTER: | EMILY HARRIS |
| Signature: | /Emily E. Harris, Reg. No. 56201/ |
| | PATENT |

502587434 REEL: 031700 FRAME: 0316

> \$40.00 14023162

| Date: | 12/02/2013 |
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| Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif | |

PATENT REEL: 031700 FRAME: 0317

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION,

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Metabolic Technologies, Inc.

a corporation organized under the laws of the state of as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Composition of HMB and ATP and Methods of Use

described in an application for Letters Patent of the United States, identified as Attorney Docket No. <u>5419520/78921</u>, at Davis, Brown, Koehn, Shors & Roberts, P.C., The Davis Brown Tower, 215 10th Street, Suite 1300, Des Moines, Iowa 50309 and filed on <u>9/10/2013</u>, as Application Serial No. <u>14/023,162</u>, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

We hereby authorize Emily Harris, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

| IN WITNASS WHEREOF, we have here | cunto signed our names on the day and year set forth below. |
|----------------------------------|---|
| D. B. | 10/16/2013 |
| Inventor's Signature | DATE (|
| Shawn Baier | |
| Inventor's Printed Name | |

| STATE OF STORY STO |
|--|
| CONNIE L HARRIS Notarial Seal - lowa Commission # 703964 My Commission Expires 7-3-15 My Commission Expires: 7-3-15 |
| Inventor's Signature 10-18-13 DATE |
| Larry Kolb Inventor's Printed Name |
| STATE OF SS 527-88-8593 COUNTY OF On this day of day of 203, before me personally came the above named Larry Kolb who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth. |
| NUTASHA M SANDERS NOTARY PUBLIC for the State of Montana Residing at Missoula, MT My Commission Expires July 31, 2016. NUTASHA M SANDERS NOTARY PUBLIC MY Commission Expires: NOTARY PUBLIC MY Commission Expires: July 31, 2016. |
| John, Rath 10/16/2013 Inventor's Signature DATE |
| John Rathmacher Inventor's Printed Name |
| STATE OF IOV9 SS 306-66-8311 COUNTY OF Story On this 16th day of activities 2013, before me personally came the above named John Rathmacher |
| On this <u>lb</u> day of <u>activities</u> , <u>2013</u> , before me personally came the above named <u>John Rathmacher</u> who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and |

purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: 7-3

CONNIE L HARRIS
Notarial Seal - Iowa
Commission # 703964
My Commission Expires 7-3-15