

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Edmund Joseph Elder Jr. | 01/11/2011 |
| Mark Joseph Sacchetti | 01/11/2011 |
| Randall Joseph Tlachac | 01/07/2011 |
| John L. Zenk | 01/06/2011 |
| RECEIVING PARTY DATA | |
| Name: | Humanetics Corporation |
| Street Address: | 10400 Viking Drive, Suite 100 |
| City: | Eden Prairie |
| State/Country: | MINNESOTA |
| Postal Code: | 55344 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12946711 |
| CORRESPONDENCE DATA | |
| Fax Number: | 2063867500 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Email: | sewebb@stoel.com |
| Correspondent Name: | Samuel E. Webb |
| Address Line 1: | Stoel Rives LLP |
| Address Line 2: | 600 University Street, Ste 3600 |
| Address Line 4: | Seattle, WASHINGTON 98101 |
| ATTORNEY DOCKET NUMBER: | 39362/3.1 |
| NAME OF SUBMITTER: | Samuel E. Webb |
| Signature: | /Samuel E. Webb/ |

OP \$40.00 12946711

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PATENT
REEL: 030570 FRAME: 0365

Date:

06/07/2013

Total Attachments: 5

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ASSIGNMENT

We, EDMUND JOSEPH ELDER, JR., of 7401 North Pass, Madison, WI 53719, MARK JOSEPH SACCHETTI, of 805 Bear Claw Way, Madison, WI 53717, RANDALL JOSEPH TLACHAC, of 4985 Rosewood Lane N, Minneapolis, MN 55442, and JOHN L. ZENK, of 7907 South Bay Curve, Eden Prairie, MN 55347 have invented inventions, improvements and discoveries described in the following patent application: U.S. Application No. 12/946,711, filed 11/15/2010 and titled NANOPARTICLE ISOFLAVONE COMPOSITIONS & METHODS OF MAKING AND USING THE SAME (“the Patent Application”).

Under the terms of our employment and consulting agreements with Humanetics Corporation, 10400 Viking Drive, Suite 100, Eden Prairie, MN 55344, (hereinafter “the Assignee”), the Assignee is the owner of the entire right, title and interest of the inventions, improvements and discoveries described in the Patent Application.

The Assignee desires to confirm and formalize its right, title and interest in the inventions, improvements and discoveries described in the Patent Application. Therefore, for good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, and in accordance with the terms of our employment with the Assignee, we HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in and to said inventions, improvements and discoveries disclosed in the Patent Application and in all divisions, continuations and continuations-in-part of the Patent Application, or reissues or extensions of letters patent or patents granted thereon, and in all corresponding applications filed in the United States and in countries foreign to the United States, including applications filed under international conventions, and in all patents issuing thereon in the United States and foreign countries; and

The right to file and to prosecute applications in foreign countries for patents, utility models, certificates of invention and the like on said inventions, improvements and discoveries in its own name, wherever such right may be legally exercised, including the right to claim the benefits of priority under the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said inventions, improvements and discoveries to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

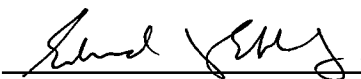
We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to confirm or perfect the Assignee's full right, title and interest in the inventions, improvements and discoveries or to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said inventions, improvements and discoveries, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications; and

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said inventions, improvements and discoveries.

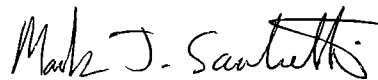
This assignment and agreement shall be binding upon our heirs and legal representatives.

DATED this 11 day of January, 2011.


EDMUND JOSEPH ELDER, JR.
7401 North Pass
Madison, WI 53719

This assignment and agreement shall be binding upon our heirs and legal representatives.

DATED this 11 day of Jan, 2011.

A handwritten signature in black ink, appearing to read "Mark J. Sacchetti". The signature is written in a cursive style with a horizontal line underneath it.

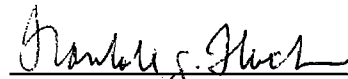
MARK JOSEPH SACCHETTI

805 Bear Claw Way

Madison, WI 53717

This assignment and agreement shall be binding upon our heirs and legal representatives.

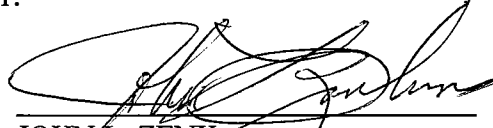
DATED this 7th day of January, 2011.



RANDALL JOSEPH TLACHAC
4985 Rosewood Lane N
Minneapolis, MN 55442

This assignment and agreement shall be binding upon our heirs and legal representatives.

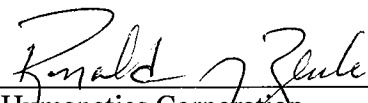
DATED this 6th day of JANUARY, 2011.



JOHN L. ZENK
7907 South Bay Curve
Eden Prairie, MN 55347

This Assignment is hereby acknowledged and accepted.

DATED this 6th day of January, 2011.



For: Humanetics Corporation
Name: RONALD J. ZENK
Title: PRESIDENT & CEO