

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ronald J. Zenk	01/16/2001
John L. Zenk	01/16/2001
RECEIVING PARTY DATA	
Name:	Humanetics Corporation
Street Address:	10400 Viking Drive
Internal Address:	Suite 100
City:	Eden Praire
State/Country:	MINNESOTA
Postal Code:	55344
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10433043
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	HUM205USPT02
NAME OF SUBMITTER:	Michael Sherrill
<p>Total Attachments: 2</p> <p>source=071012 Signed Assignment#page1.tif</p>	

OP \$40.00 10433043

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PATENT
REEL: 019954 FRAME: 0885

ASSIGNMENT

WHEREAS, we, Ronald J. Zenk, residing at 5720 Merry Lane, Shorewood, Minnesota 55331 and John L. Zenk, residing at 4235 Trillium Lane East, Minnetrista, Minnesota 55364 have made certain new and useful inventions and improvements for which we have filed a provisional patent application with the United States Patent and Trademark Office entitled **TREATMENT OF CHRONIC FATIGUE SYNDROME AND FIBROMYALGIA SYNDROME BY THE ADMINISTRATION OF Δ^5 -ANDROSTENE-3 β -OL-7,17 DIONE AND METABOLIZABLE PRECURSORS THEREOF**, filed November 30, 2000 and assigned Serial No. 60/250,227; and

WHEREAS, Humanetics Corporation, a corporation organized and existing under and by virtue of the laws of the state of Minnesota, and having an office and place of business at 18894 Lake Drive East, Chanhassen, Minnesota 55317 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements, application and any United States Letters Patent resulting therefrom.

NOW THEREFORE, to all whom it may concern, be it known that for the sum of one dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire worldwide right, title and interest in and to (i) the aforesaid provisional patent application, (ii) all regular patent applications for United States Letters Patent including all divisions, continuations, and renewals thereof, (iii) all inventions and improvements disclosed in the aforesaid application, (iv) all Letters Patent which may be granted therefrom, (v) all reissues or extensions of such Letters Patents, (vi) all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and/or improvements, including an assignment of all rights under the provisions of the International Convention, and (vii) all Letters Patent of foreign countries which may be granted therefrom.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

We hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors, assigns and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to secure and vest in said Assignee, its successors and assigns, the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed.

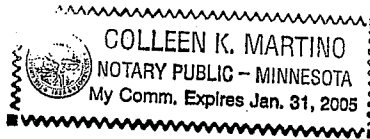
We covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed, has been

made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I, **Ronald J. Zenk** have hereunto set my hand this 16th day of January, 2001.

Ronald J. Zenk
Ronald J. Zenk

STATE OF MINNESOTA)
)SS.
COUNTY OF Carver)



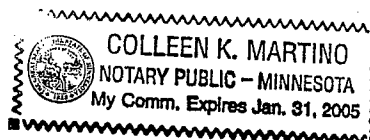
On this 16th day of January, 2001 before me personally appeared **Ronald J. Zenk** who executed the foregoing instrument and duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Colleen K. Martino
Notary Public

IN TESTIMONY WHEREOF, I, **John L. Zenk** have hereunto set my hand this 16th day of JANUARY, 2001.

John L. Zenk
John L. Zenk

STATE OF MINNESOTA)
)SS.
COUNTY OF Carver)



On this 16th day of January, 2001 before me personally appeared **John L. Zenk** who executed the foregoing instrument and duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Colleen K. Martino
Notary Public