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TO THE ASSISTANT COMMISSIONER OF PALEST SAID TO COURT OF THE PROPERTY OF THE P	BOX ASSIGNMENTS	
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF. 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): 1. WALSER, Mackenzie 2. 4. 5. 7. ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: The Johns Hopkins University ADDRESS: School of Medicine, 111 Market Place, Suite 908, Baltimore, MD 21202 U.S.A. ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: The Johns Hopkins University ADDRESS: School of Medicine, 111 Market Place, Suite 908, Baltimore, MD 21202 U.S.A. ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO 3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document) ASSIGNMENT OF AFACTION PART INTEREST EXEC. DATE: December 30, 1998 ASSIGNMENT OF AFACTION PART INTEREST EXEC. DATE: December 30, 1998 ASSIGNMENT OF AFACTION PART INTEREST EXEC. DATE: December 30, 1998 ASSIGNMENT DIFFER SEE ATTY() CHANGE OF NAME OTHER OF ADDITIONAL SHEET(S) attached? YES NO ASSIGNMENT DIFFER SEE ATTY() APPLICATION 27:1497 B. PATENT NO(S) MB	TO THE ASSISTANT COMMISSIONER OF THE PROPERTY	
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FILE WITH PTO RETURN RECEIPT (PAT-103A)

<u>ASSIGNMENT</u>

WHEREAS, I, Mackenzie Walser, M.D., a citizen of the United States, residing at 7513 Club Road, Ruxton, Maryland 21204, have invented a certain new and useful invention described as; "Amino Acid Supplement for Dialysis Patients" (JHU Ref.: DM-3165); such invention being described in the international patent application PCT/US98/03815; and

WHEREAS, The Johns Hopkins University, a corporation duly organized under the laws of the State of Maryland, having a place of business in Baltimore, Maryland, is desirous of acquiring the entire right, title and interest in and to the aforesaid invention and in and to any Letters Patent of the United States or any foreign country which may be granted therefor;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I, Mackenzie Walser, M.D., by these presents do voluntarily sell, assign, and transfer unto The Johns Hopkins University, its successors, legal representatives and assigns, the full and exclusive right to the said invention as well as any patents, divisions, continuations, continuations-in-part and reissues thereof, and in any Letters Patent of the United States or any foreign country which may be granted therefore;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said assignee;

AND I HEREBY warrant and covenant that I have full right to convey the entire interest herein assigned and that I have not executed and will not execute any instrument or assignment in conflict herewith;

AND I HEREBY agree to communicate to said assignee or its representatives any facts known to me respecting said invention, to execute all patent applications, sign all lawful documents and make all rightful oaths relating to said invention, and

PATENT REEL: 010953 FRAME: 0723 to testify in any judicial or administrative proceeding and generally do everything possible to aid the said assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said assignee.

IN WITNESS WHEREOF, I have hereunto set our hand and seal on this 20 day of December, 1998.

Mackenzie Daison 110

Mackenzie Walser, M.D.

STATE OF <u>Maryland</u>)

COUNTY OF <u>Baltimere</u>)

On this 30 day of December, 1998, before me a Notary Public in and for the County and State aforesaid, personally appeared Mackenzie Walser, M.D., to me known and known to me to be the person of the name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.

(SEAL)

RECORDED: 07/03/2000

Notary Public

My Commission Expires:

Maria K. D'Ambrogi ...

amin Fillio in collective explines June 21, 1999

> **PATENT** REEL: 010953 FRAME: 0724