

ASSIGNMENT

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

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 30 day of December, 1998.

Mackenzie Walser M.D.

Mackenzie Walser, M.D.

STATE OF Maryland)
) ss
COUNTY OF Baltimore)

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)

Richard K. D'Ambrogio
Notary Public

My Commission Expires:
Richard K. D'Ambrogio
Notary Public
My commission expires June 31, 1999