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FORM PTO 4595



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Attorney Ref. No. 01-179

To The Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying parties:
James-Baber Rowe
Rafat, A.M. Al Jassim
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Spruson & Ferguson
Internal Address: St. Martins Tower

Street Address: 31 Market Street
City: Country: Zip: Sydney, NSW 2000 Australia
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: July 2, 2001

4. Application number(s) or patent number(s): 09/786,253
If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s) _____ B. Patent No.(s) _____
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Michael S. Greenfield
Company Name: McDonnell, Boehnen, Hulbert & Berghoff LLP
Street Address: 300 South Wacker Drive, Suite 3200
City: Chicago State: IL ZIP: 60606

6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41).....\$40.00
 Enclosed
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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03 FC-8021

PATENT
REEL: 015627 FRAME: 0570

JOINT
(All) Application Filed

ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

Case No.: 01.179

Serial No.: 09/786,253

FOR VALUE RECEIVED, WE

James Barber ROWE, an Australian citizen of Armidale NSW Australia and

Rafat A M AL JASSIM, an Australian citizen of Gatton Queensland Australia

hereby sell, assign, transfer and convey unto the University of New England

a body organised under the laws of Australia

of Armidale NSW Australia

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

Control of Acidosis

and described in an application for Letters Patent of the United States filed by us on 2 March 2001

and which has been accorded Application No. 09/786,253 and identified as Case No. 01.179

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof, and we hereby authorise and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorise and empower the said Assignee or nominee to invoke and claim for any application for patent or other form of protection for said inventions, 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.

AND 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 the United States for any purpose and more particularly in proof of the right of said Assignee or nominee to claim the aforesaid 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 we hereby covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby covenant and agree that we will communicate to said Assignee or nominee all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominee in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By: James Barber ROWE

Date: 2 July 2001

By: Rafat Aljain
Rafat A M AL JASSIM

Date: 2 July 2001

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