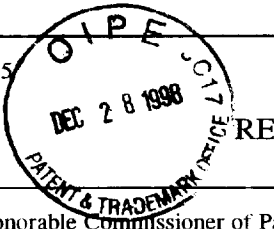


MSB 12-28-98

FORM PTO-1595  
(Rev. 6/93)



12-31-1998



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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ET

Attorney's Docket No. 032505-003

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

1. Name of conveying party(ies):  
 Craig Geoffrey Freeman and Christopher Richard Parish

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name

Other: \_\_\_\_\_

Execution Date: December 3, 1998 and December 4, 1998

2. Name and address of receiving party(ies):  
 Name: The Australian National University  
 Address: Act, Australian Capital Territory, 2601  
Australia

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):  
 If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)  
 09/180,372

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
 Name: Robert E. Krebs, Esq.  
 Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.  
P.O. Box 1404  
Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account, if necessary

8. Deposit account number:  
02-4800

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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.*

Leslie A. Mooi, Reg. No. 37,047  
 Name of Person Signing

Leslie Mooi  
 Signature

Dec 24 1998  
 Date

Total number of pages including cover sheet, attachments, and document 2

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Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I/WE (1) Craig Geoffrey FREEMAN  
 a Australian citizen, residing at 31 Woollum Place, Rivett, Australian  
Capital Territory, 2611, Australia;  
 (2) Christopher Richard PARISH  
 a Australian citizen, residing at 62 Vasey Crescent, Campbell, Australian  
Capital Territory, 2601, Australia  
 (3) \_\_\_\_\_  
 a \_\_\_\_\_ citizen, residing at \_\_\_\_\_

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in Detection of mammalian heparanase activity and purification of mammalian heparanase, the specification of which

- (a)  was executed on even date herewith;
- (b)  was filed on \_\_\_\_\_ as  Application No. 0 / \_\_\_\_\_ or  Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or
- (c)  was described and claimed in PCT International Application No. PCT/AU97/00452 filed on 18 July 1997 and as amended under PCT Article 19 on \_\_\_\_\_ (if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).

AND WHEREAS, THE AUSTRALIAN NATIONAL UNIVERSITY  
 with its principal place of business at Act, Australian Capital Territory, 2601, Australia

(hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 5<sup>th</sup> day of December, 1998

Craig Geoffrey Freeman  
 Signature of Craig Geoffrey FREEMAN

This 1<sup>st</sup> day of December, 1998

C. R. Parish  
 Signature of Christopher Richard PARISH

This \_\_\_\_\_ day of \_\_\_\_\_, 199\_\_

Signature of \_\_\_\_\_