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09/763827

Our Ref.: 3764-78

PATENTS ONLY

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

1. Name of conveying party(ies): Andrew J. Garman Additional name/s of conveying party/ies attached? <input type="checkbox"/> 3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: April 4, 2001	2. Name and address of receiving party(ies): Name: AstraZeneca AB Internal Address: Street Address: S-151 85 City: Sodertalje State/Country: Sweden Zip: Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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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). (1) 09/763,827 (2) (3)	B. Patent No(s). (1) (2) (3)
Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Leonard C. Mitchard Internal Address: Street Address: Nixon & Vanderhye P.C. 1100 North Glebe Road 8 th Floor City: Arlington State: VA Zip: 22201	6. Total number of applications & patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140 8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.

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9. Statements 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.

Leonard C. Mitchard

Name of Person Signing

Reg. No. 29,009

Signature

April 23, 2001

Date

Total number of pages including original cover sheet, attachments, and document: [3]

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PATENT
REEL: 011736 FRAME: 0481

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ASSIGNMENT FOR PATENT APPLICATION
(All Rights)

WHEREAS, ANDREW JOHN GARMAN, (hereinafter Assignor of) Alderley Park, Macclesfield, Cheshire, SK10 4TG, United Kingdom, respectively, has invented a certain improvement in DEVICE COMPRISING A MICROFABRICATED DIFFUSION CHAMBER for which a so-entitled application for Letters Patent of the United States is being concurrently executed herewith; was filed in the United States Patent and Trademark Office on under Serial No. _____ ;

WHEREAS, AstraZeneca AB (hereinafter ASSIGNEE), a corporation of the State of Sweden, having an office and place of business at S-151 85, Sodertalje, Sweden is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres; and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and

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agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

April 4, 2001
Date

Witnessed by:

Name:

David Neberg

A. J. Garman

ANDREW JOHN GARMAN

Date:

4th April 2001

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