

01-14-2003



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TO THE ASSISTANT COMMISSIONER (SIR: PLEASE RECORD THE ATTACHED

102336764

.EOF.

1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S):

1. Ali Mohammad Afnan

2. Robert Symes Chisholm

3.  
4.  
5.  
6.  
7.  
8.

1-8-03

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED?  YES  NO

JC971 U.S. PTO  
10/337983  
01/08/03

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: AstraZeneca UK Limited

ADDRESS: 15 Stanhope Gate, London W1Y 6LN Great Britain

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  WHOLE  PART INTEREST
- ORIGINAL  FACSIMILE/PHOTOCOPY
- CHANGE OF NAME  VERIFIED TRANSLATION
- SECURITY  MERGER  OTHER:

EXEC. DATE: February 9, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached?  YES  NO

10337983

A. PAT. APP. NO.(S) series code/serial no	M#	1 <sup>st</sup> INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 <sup>st</sup> INVENTOR if not in item 1
(unassigned)	0300902	Afnan			

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:

Pillsbury Winthrop LLP  
Intellectual Property Group  
P.O. Box 10500 McLean, VA 22102

6. NUMBER INVOLVED:  
APPLNS 1 + PATS 0 = TOTAL = 1

7. AMOUNT OF FEE DUE: (Code 581)  
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

P 0300902

8. PLEASE CHARGE TO OUR DEPOSIT ACCOUNT  
NUMBER: 03-3975

UNDER ORDER NO	050885	0300902
dup. sheet not required	CLIENT NO.	MATTER NO.

9. 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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)

2

Signature

Attorney: Paul L. Sharer

Reg. No. 36,004

Date: January 8, 2003

Atty/Sec: PLS/kmh

TEL: (703) 905-2180

FAX: (703) 905-2500

FILE WITH PTO RETURN RECEIPT (PAT-103A)

1/13/2003 DBYRNE 00000177 033975 10337983  
FC:8021 40.00 CH

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Sole or Joint

For Inventions made outside USA  
executed with or after application

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M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT  
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT NAME(S) OF INVENTOR(S)	(1) Ali Mohammad AFNAN	(2)
	(3) Robert Symes CHISHOLM	(4)
	(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

AstraZeneca UK Limited  
15 Stanhope Gate  
London W1Y 6LN  
GREAT BRITAIN

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF  
INVENTION

MIXING APPARATUS AND METHOD

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → → (A)  even date herewith  
(B)  on \_\_\_\_\_  
line A, B and/or C) (C)  in U.S. Appln. No. \_\_\_\_\_ / \_\_\_\_\_ filed \_\_\_\_\_

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Madison & Sutro LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

1):	<u>INVENTORS</u>	<u>DATE SIGNED</u>	<u>WITNESSES</u>
Name:	<u>Ali Mohammad AFNAN</u>	<u>9<sup>th</sup> Feb 2001</u>	<u>S Blackett</u>
2)	<u>RS Robert Symes CHISHOLM</u>	<u>9<sup>th</sup> Feb 2001</u>	<u>S Blackett</u>
Name:			
3)			
Name:			
4) Name:			
Name:			
5) Name:			
Name:			