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Com	nmissioner of Patents. Please record the attached original doc	uments or copy thereof.
1.	Name of conveying parties:	2. Name and address of receiving party(ies)
3) (Add	Xiayang Qiu 2) Neil Frederick Osborne Christine Richardson 4) Cheryl A. Janson ditional names of conveying party(ies) attached? yes [X] no	SmithKline Beecham Corporation One Franklin Plaza 200 North 16th Street Philadelphia, PA 19103 United States of America SmithKline Beecham plc New Horizons Court Great West Road Brentford Middlesex TW8 9EP United Kingdom
		Additional name(s) and addresses attached? [] yes [X] no
3.	Description of the interest conveyed:	L
[X]	Security Agreement [] Other	Merger Change of Name r 18 19 and 20 1997 and May 22 1998
4.	Execution date of Assignment: November 18, 19, and 20, 1997 and May 22, 1998 Application number(s) or patent number(s). Additional Sheets attached?YesX No	
	A. Patent Application No.(s) 08/792,295	B. Patent No.(s) new application, the execution date of the application is
5.	Name and address of party to whom correspondence concerning documents should	6. Total number of applications and patents involved 1.
	be mailed: Edward R. Gimmi SmithKline Beecham Corporation	7. Total Fee (37 C.F.R. 3.41) \$40.00
	Corporate Intellectual Property - UW2220 P.O. Box 1539 King of Prussia, PA 19406-0939	8. Please charge this fee to deposit account No. 19-2570. The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may
	EN 00000014 192570 08792295	be required by this paper, or credit any overpayment, to our Deposit Account No. 19-2570.
FC:581	40.00 CH DO NOT USE	THIS SPACE
9.	Statement and Signature. To the best of my knowledge and belief, the foreg copy is a true copy of the original document.	voing information is true and correct and any attached
	dward R. Gimmi ame of Person Signing Total number of pages incl	07 December 1999 Date luding cover sheet, attachments and document:3

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Docket No.: P50588

ASSIGNMENT

WHEREAS we, Xiayang Qiu of 2607 Lloyd Lane, Audubon, Pennsylvania 19403, a citizen of People's Republic of China; Neal Frederick Osborne of 9 Steeres Hill, Rusper, West Sussex RH12 4PT, a citizen of United Kingdom; Christine Richardson of New Frontiers North, a citizen of United Kingdom; and Cheryl A. Janson of 200 Ladbroke Road, Bryn Mawr, Pennsylvania 19010, a citizen of United States of America: have made an invention entitled:

"Novel tRNA Synthetase Enzyme, Compositions Capable of Binding to Said Enzyme, and Methods of Use Thereof"

for which on November 18, 19, 20, 1997 and May 22, 1998 we executed an application for Letters Patent of the United States under 35 U.S.C. §111(a) or filed a Provisional application under 35 U.S.C. §111(b):

NOW, THEREFORE, in return for valuable consideration paid to us by SmithKline Beecham Corporation, of One Franklin Plaza, Philadelphia, Pennsylvania 19103 and SmithKline Beecham plc of New Horizons Court, Great West Road, Brentford, Middlesex, United Kingdom TW8 9EP the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound, we do hereby assign unto the said SmithKline Beecham Corporation and SmithKline Beecham plc, its successors and assigns, the entire right, title and interest in and to the said invention, executed under 35 U.S.C. §111(a) or filed under 35 U.S.C. §111(b) application, and from which priority may be claimed from one or more 35 U.S.C. §111(b) applications, or any division, continuation and continuation-in-part of said application, and all Letters Patent of the United States and all foreign countries to be obtained therefor;

We further assign to the said SmithKline Beecham Corporation and SmithKline Beecham plc the right, optionally in its own name or in the names of its related companies, to apply for, obtain and maintain in all countries foreign to the United States, patent and/or Utility Model applications for said invention, including the full right to claim for any such application the benefits of any priority rights based on said executed United States application;

And we agree to execute further instruments (including provisional, divisional, continuation, continuation-in-part or reissue applications or other instruments) proper to effectuate the premises, this agreement to be binding upon our heirs, executors and administrators;

And we request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue Letters Patent in accordance herewith.

PATENT REEL: 010484 FRAME: 0215

Signed at Ming of Busin Pa			
Signed at King of Brussian Pa Mayang Oja Date: 12/3/99 Niayang Oja Date: 12/3/99			
Commonwealth of Pennsylvania)			
County of Montgomery) ss.:			
Before me, a Notary Public, personally appeared Xiayang Qiu known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.			
Witness my hand and seal this day of			
NOTARIAL SEAL ABLENE E. CANNON, Notary Public Opper Merion Twp., Montgomery County M			
Neal Frederick Osborne Date: 22 rd May 1998			
Christine Richardson Date: 25th November 1999			
Cheryl A. Janson Date 2 December 1999 Cheryl A. Janson			
Commonwealth of Pennsylvania)) ss.:			
County of Mongtomery)			
Before me, a Notary Public, personally appeared Cheryl A. Janson known to me to be the person who executed the foregoing assignment and acknowledged it to be his/her act and deed.			
Witness my hand and seal this day of			
n:\erg\apps\P50588\decassig NOTARIAL SEAL OnlicinE E. CANNON, Notary Public Apper Merion Twp., Montgomery County Commission Expires May 21, 2001			

PATENT
RECORDED: 12/13/1999 REEL: 010484 FRAME: 0216