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ARTMENT OF COMMERCE at and Trademark Office

RECOF 100961143 Document ID No.: 100833917 Commissioner of Patents. Please record the nal documents or copy thereof. Name and address of receiving party(ies) Name of conveying party(SmithKline Beecham Corporation Derek R. Buckle One Franklin Plaza Gary Christie Philadelphia, PA 19103 David G. Smith United States of America Ariane E. Marolewski Ruth J. Mayer Additional name(s) and addresses attached? [] yes [X] no Additional names of conveying party(ies) attached? [] yes [X] no 3. Description of the interest conveyed: [X] Assignment, please record and return Merger [] Security Agreement Change of Name Other []Execution date of Assignment: May 4, 12, 18, 22 and 29th, 1998 4. Application number(s) or patent number(s). Additional Sheets attached? Yes X No Patent Application No.(s) В. Patent No.(s) 09/051,529; APRIL 9, 1998 If this document is being filed together with a new application, the execution date of the application is May 4, 12, 18, 22, and 29th, 1998 5. Name and address of party to whom Total number of applications and 6. correspondence concerning documents should patents involved 1. be mailed: 7. Total Fee (37 C.F.R. 3.41) \$40.00 Soma G. Simon SmithKline Beecham Corporation Please charge this fee to deposit Corporate Intellectual Property - UW2220 account No. 19-2570. P.O. Box 1539 The Commissioner is hereby authorized to charge any King of Prussia, PA 19406-0939 additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 19-2570. DO NOT USE THIS SPACE 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. Soma G. Simon 28 January 1999 Name of Person Signing Total number of pages including cover sheet, attachments and document: 3 n:\soma\cases\50386rec.doc

> PATENT REEL: 9735 FRAME: 0336

09/051529 ATTORNEY DOCKET NO Form PTO-1595 J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 100833917 Name of conveying party(ies) Name and address of receiving party(ies) SmithKline Beecham Corporation Derek R. Buckle, Gary Christie, David One Frankline Plaza G. Smith, Ariane E. Marolewski and Philadelphia, PA 19103 Ruth J. Mayer Additional name(s) and addresses attached? ditional names of conveying party(ies) attached? [] yes [X] no [] yes [X] no 3. Description of the interest conveyed: IXI Assignment, please record and return [] Merger Security Agreement [] Change of Name [] 1 Other Execution date of Assignment: May 4, 12, 18, 22 and 29th 4. Application number(s) or patent number(s). Additional Sheets attached? X No Patent Application No.(s) В. A. Patent No.(s) 09/051,529;April 9, 1998 If this document is being filed together with a new application, the execution date of the application is May 4, 12, 18, 22 and 29th 5. Name and address of party to whom Total number of applications and 6. correspondence concerning documents should patents involved 1. be mailed: Total Fee (37 C.F.R. 3.41) \$40.00 7. Soma G. Simon SmithKline Beecham Corporation Please charge this fee to deposit Corporate Intellectual Property - UW2220 account No. 19-2570. P.O. Box 1539 The Commissioner is hereby authorized to charge any King of Prussia, PA 19406-0939 additional fees under 37 CFR 1.16 or 1.17 which may be required by this paper, or credit any overpayment, to our Deposit Account No. 19-2570. DO NOT USE THIS SPACE 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. Soma G. Simon August 21, 1998 Name of Person Signing

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PATENT REEL: 9735 FRAME: 0337 Docket No.: P50386-2

ASSIGNMENT

WHEREAS we, Derek Richard BUCKLE of Redhill, Surrey, England, a citizen of United Kingdom; Gary CHRISTIE of Berden, Hertfordshire, England, a citizen of United Kingdom; David Glynn SMITH of Horsham, West Sussex, England, a citizen of United Kingdom; Ariane Elizabeth MAROLEWSKI of 306 Village Road East, Norwood, Massachusetts 02062, a citizen of United States of America; and Ruth Judik MAYER of 110 Reveille Road, Wayne, Pennsylvania 19087, a citizen of United States of America; have made an invention entitled:

"CD23 Processing Enzyme Preparation"

NOW, THEREFORE, in return for valuable consideration paid to us by SmithKline Beecham Corporation, a corporation organized under the laws of the Commonwealth of Pennsylvania and having its principal place of business at One Franklin Plaza, Philadelphia, Pennsylvania 19103, 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, 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 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, continuationin-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.

Inventor

Derek Richard BUCKLE

Inventor

Gary CHRISTIE

Inventor

David Glynn SMITH

Date: 22 May 1998

Date: 12/5/98

Date: 18th Mary 98

Signed at Norwood, MA USA brune Marbursky	
Ariane Elizabeth MAROLEWSKI	Date: _5/4/98
State of Massachusetts)	
County of Norfolk) ss.:	
and the second of the formation and the second of the seco	ariane Elizabeth MAROLEWSKI known to me to be the dacknowledged it to be his/her act and deed.
Witness my hand and seal this day of _	May , 1998. Barbara Burnem Day
Signed at King of Prussia, PA, USA **Cuth Gudile May** Ruth Judik MAYER**	Date: May 29, 1895
Commonwealth of Pennsylvania) ss.:	
County of Montgomery)	
	tuth Judik MAYER known to me to be the person who ged it to be his/her act and deed.
Witness my hand and seal this day of	May , 1998. Cerline Elonion

NOTARIAL SEAL ARLENE E. CANNON, Notary Public Upper Merion Twp., Montgomery County My Commission Expires May 21, 2001

RECORDED: 08/21/1998

PATENT REEL: 9735 FRAME: 0339