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Atty Dkt No: P1468R1

Assistant Commissione of P. 10117	74680 or copy thereof.
 Name of conveying party(ies): Avi J. Ashkenazi Anan Chuntharapai K. Jin Kim Additional name(s) of conveying party(ies) attached? Yes X No Nature of conveyance: X Assignment Merger Security Agreement Change of Name 	2. Name and address of receiving party(ies): Name: GENENTECH, INC.
Other:	
Execution Date: 9/28/99, 9/30/99 and 9/30/99	
 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution A. Patent Application No.(s) 09/329,633 	n date of the application is: B. Patent No.(s)
Additional numbers attach	ed? Yes X No
 Name and address of party to whom correspondence concerning document should be mailed: Wendy M. Lee GENENTECH, INC. 1 DNA Way South San Francisco, CA 94080 	 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$ 40.00 Enclosed X Authorized to be charged to deposit account
	8. Deposit account number: 07-0630
DO NOT USE THE	S SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true an is a true copy of the original document. Wendy M. Lee Name of Person Signing Registration No. 40,378 Total number of pages	October 6 , 1999

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

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Assistant Commissioner of Patents

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Box Assignments Washington, D.C. 20231

Revised (10/11/95)

PATENT

REEL: 010306 FRAME: 0950

ASSIGNMENT

WHEREAS, Avi J. Ashkenazi, a citizen of Israel, residing at 1456 Tarrytown St, San Mateo, CA 94402, and Anan Chuntharapai, a citizen of United States of America, residing at 826 Ellis Drive, Colma, CA 94015, and K. Jin Kim, a citizen of United States of America, residing at 622 Benevenue Ave., Los Altos, CA 94024, (hereinafter "ASSIGNORS"), have invented a new and useful invention in

METHOD FOR MAKING MONOCLONAL ANTIBODIES AND CROSS-REACTIVE ANTIBODIES OBTAINABLE BY THE METHOD

for which an application Serial No. 09/329,633 (Docket No. P1468R1) for Letters Patent has been executed by them on September 28, 1999, September 30, 1999 and September 30, 1999; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 1 DNA Way, South San Francisco, California 94080-4990, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

That for good and valuable consideration the receipt of which is hereby acknowledged, the said ASSIGNORS have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor or any continuation, division, renewal, or substitute thereof, and as to Letters Patents any reissue or re-examination thereof, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

Said ASSIGNORS covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said ASSIGNORS includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (d) for interference or other priority proceedings involving said invention; and (e) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said ASSIGNORS in providing such cooperation shall be paid for by said GENENTECH, INC.

The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said ASSIGNORS, their respective heirs, legal representatives and assigns.

PATENT REEL: 010306 FRAME: 0951 Said ASSIGNORS hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF we undersign as follows;

Dated: 9/28/99

South San Francisco

Dated: $\frac{9/3\epsilon/65}{}$

South San Francisco

Dated: 1/30/99

RECORDED: 10/12/1999

Avi J. Ashkenazi

Anan Chuntharapai

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PATENT REEL: 010306 FRAME: 0952