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

1. Name of conveying party(ies):
   Jihong Yang
   Valerie Elizabeth Quarmby

2. Name and address of receiving party(ies):
   Genentech, Inc.
   1 DNA Way
   South San Francisco, California 94080-4990

3. Nature of conveyance:
   [ ] Assignment
   [ ] Security Agreement
   [ ] Merger
   [ ] Change of Name
   [ ] Other:

   Execution Date: 04/11/2006

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)  
      11/128,981

   B. Patent No.(s)

   Additional numbers attached? [ ] Yes [ ] No

5. Name and address of party to whom correspondence concerning this document should be mailed:
   Name: Denise M. Kettelberger
   Address: Merchant & Gould P.C.
            P.O. Box 2903
            Minneapolis, MN 55402-0903

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): $40.00
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8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725

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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.

   Denise M. Kettelberger
   Name of Person Signing
   Signature
   Date

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

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ASSIGNMENT

WHEREAS, Jihong Yang, a citizen of China, residing at 1144 Polynesia Drive, Foster City, California 94404, and Valerie Elizabeth Quarmby, a dual citizen of United States and United Kingdom, residing at 120 Corte Madera Road, Portola Valley, California 94028, (hereinafter "ASSIGNORS"), have invented a new and useful invention in

Cross-Screening System and Methods for Detecting a Molecule Having Binding Affinity for a Target Molecule

for which an application Serial No. 11/128,981 (Docket No. 11669.0216USU1) for Letters Patent and a corresponding International Application No. PCT/US2005/016770 have been filed by them on May 13, 2005; 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 therefore 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.

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;

Jihong Yang
South San Francisco

Valerie Elizabeth Quarmby
South San Francisco

Dated: 4/11/06

Dated: 4/11/06