



Atty Ref/Docket No.: 1451.004US1

102016483

To the Honorable Commissioner of Patents and Trademarks: please record the above information on a separate copy thereof.

1. Name of conveying party(ies):

Glenn McGall, Jacqueline A. Fidanza and
Brian M. Feldman

1-28-02

2. Name and address of receiving party(ies):

Name: Affymetrix, Inc.

Additional name(s) of conveying party(ies) attached? [] Yes [X] No

Street Address: 3380 Central Expressway

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

City: Santa Clara State: CA ZIP: 95051

Additional name(s) & address(es) attached? [] Yes [X] No

Execution Date: March 7, 2001; December 21, 2001

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)

B. Patent No.(s)

Serial No. 09/620,780, filed July 21, 2000

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William F. Prout

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our
Deposit account number: 19-0743

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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.

William F. Prout/Reg. No. 33,995
Name of Person Signing

William F. Prout
Signature

1/7/2002
Date

Total number of pages including cover sheet: 3

OMB No. 0651-0011 (exp. 4/94)

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ASSIGNMENT

WHEREAS, WE, Glenn McGall, residing at 1121 Sladky Avenue, Mountain View, CA 94043, and Jacqueline A. Fidanza, residing at 1722 Villa Street, #4, Mountain View, CA 94041, and Brian M. Feldman, residing at 16 Hidden Creek Circle, Pittsford, NY 14534, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on July 21, 2000, which application was assigned U.S. patent application serial number 09/620,780, and is entitled PHOTOLITHOGRAPHIC SOLID-PHASE POLYMER SYNTHESIS.

AND WHEREAS, Affymetrix, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 3380 Central Expressway, Santa Clara, CA 95051, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

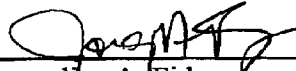
AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 09 day of March, 2001.



Glenn McGall

IN TESTIMONY WHEREOF, I have hereunto set my hand this 7 day of March, 2001.



Jacqueline A. Fidanza

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21st day of December, 2001.



Brian M. Feldman