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07-13-2000

HEET



FORM PTO-159 (Rev. 6-93)
 OMB No. 0651-0011 (exp. 4/94)

101401666

DEPARTMENT OF COMMERCE
 Patent and Trademark Office

To the Assistant Commissioner for Patents : Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Jean I. Montagu
MJD 6-15-00

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

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

Execution Date: **June 8, 2000**

2. Name and address of receiving party(ies)
 Name: **Genetic MicroSystems, Inc.**
Taxpayer I.D. No. 77-0532057

Internal Address:

Street Address: **34 Commerce Way**
Woburn, MA 01801

Additional name(s) & addresses(es) attached? Yes No

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) **09/500,626, Filed February 9, 2000**
 B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence Concerning document should be mailed:
 Name: **Mark C. Solakian, Esq.**
 Address: **Attn: Legal Department**
Genetic MicroSystems, Inc.
34 Commerce Way
Woburn, MA 01801

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 _____

The Commissioner is authorized to charge:

8. Deposit Account No: 23/2825

07/12/2000 ASCOTT 00000190 09500626
 01 FC:581 40.00 OP

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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.

Ivan D. Zitkovsky, Reg. No. 37,482	<i>Ivan D. Zitkovsky</i>	June 12, 2000
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[2]**

Mail documents to be recorded with required cover sheet information to:
 Box Assignment
 Commissioner of Patents & Trademarks,
 Washington, D.C. 20231

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I the undersigned Jean I. Montagu, Brookline, MA hereby

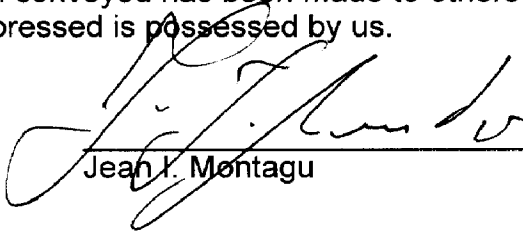
Sell, assign and transfer under 37 C.F.R. §3.73(b) to Genetic MicroSystems, Inc., Taxpayer I.D. No. 77-0532057, a Delaware corporation having a place of business at 34 Commerce Way, Woburn, MA, 01801, (a wholly owned subsidiary of AFFYMETRIX, Inc., a Delaware Corporation), its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on February 9, 2000 under Serial No. 09/500,626 and entitled QUANTIFIED FLUORESCENCE MICROSCOPY, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

I agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

I covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

6-8-00
Date


Jean I. Montagu

STATE OF Massachusetts :
COUNTY OF Middlesex :

Subscribed and sworn to before me this 8th day of June 2000

SEAL Chris R. Sunday
Notary Public

My Commission Expires 7-28-06