

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Robert E. Fields	03/31/2005
RECEIVING PARTY DATA	
Name:	IGENE, Inc.
Street Address:	1378 Willow Road
City:	Menlo Park
State/Country:	CALIFORNIA
Postal Code:	94025
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	10243521
Patent Number:	5840573
CORRESPONDENCE DATA	
Fax Number:	(412)355-6501
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(412) 355-6500
Email:	patents@kling.com
Correspondent Name:	Bernard G. Pike
Address Line 1:	535 Smithfield Street
Address Line 2:	Henry W. Oliver
Address Line 4:	Pittsburgh, PENNSYLVANIA 15222
NAME OF SUBMITTER:	Bernard G. Pike
Total Attachments: 3	
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PATENT
REEL: 015870 FRAME: 0272

EXHIBIT F

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

This ASSIGNMENT ("Assignment") is entered into by Robert E. Fields, an individual resident of the State of California ("Assignor"), as assignor, in favor of IGENE, Inc., a Delaware corporation having a place of business located at 1378 Willow Road, Menlo Park, California 94025 ("Assignee"), as assignee, with reference to the following facts and circumstances:

Assignor is listed as the owner of the patents and patent applications listed in Exhibit 1 attached hereto (the "Patents");

IGENE Diagnostics, Inc. ("IDG") and Assignee are parties to certain Asset Purchase Agreement dated effective March 31, 2005 (the "Agreement") pursuant to which, among other things, IDG agreed to sell, convey, assign, grant, transfer, set over and deliver to Assignee, IDG's entire right, title and interest, in and to the Patents;

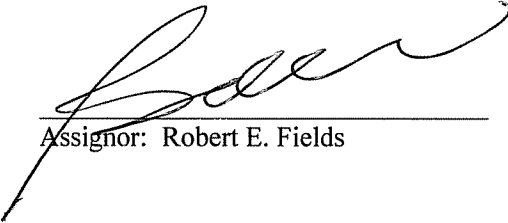
As required pursuant to Section 4.4 of the Agreement and effective as of March 31, 2005, IDG and Assignor entered into an agreement pursuant to which Assignor agreed to execute this Assignment to effectuate the assignment of the Patents to Assignee; and

Assignee desires to acquire, and Assignor desires to assign, Assignor's right, title and interest in, to and under the Patents.

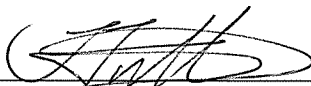
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration the receipt and adequacy of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee Assignor's entire right, title, interest in and to the Patents and any inventions described in the Patents in the United States and its territories, including the rights to any patents and patent applications, including reissue patents, provisional applications, continuation applications, continuation-in-part applications, and divisional applications, including all the right to make, use, offer to sell, sell the patented invention, to sue and recover damages for past infringement and with the right to sue for, and collect the same for Assignee's own use and benefit and for the use and benefit of Assignee's successors, assigns or other legal representatives and to claim priority in and to any improvements. Assignor further warrants that it has not executed, and will not execute, any agreements in conflict with or inconsistent with this assignment.

Assignee, on behalf of myself and my executors and administrators, hereby further covenant and agree to do all such lawful acts and things and to execute without further consideration such further lawful assignments, documents, assurances, applications, and other instruments as may be reasonably be required by the Assignee, its successors, assigns, or legal representatives, to obtain any and all patents for the invention and vest the same in the Assignee, its successors, assigns, or legal representatives.

Dated: March 31, 2005


Assignor: Robert E. Fields

Dated: March 31, 2005


Assignee: IGENE, Inc.
Name: Takako Fukumoto
Title: Chief Financial Officer

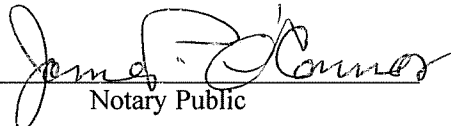
STATE OF CALIFORNIA)

Assignee: IGENE, Inc.

COUNTY OF
SAN MATEO)

On 1 APRIL, 2005, before me, JAMES P. O'CONNOR, Notary Public, personally appeared Robert E. Fields, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.


Notary Public

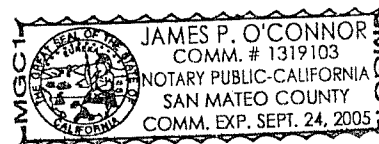


Exhibit 1

PATENTS

A. United States Issued Patents.

1. "Molecular Analyser and Method of Use" (United States Patent No. 5840573).

B. United States Patent Applications.

1. "Biomolecular Processor" (United States Serial No. 10/243,521).