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Form PTO-1595
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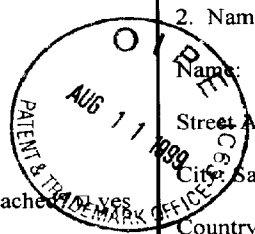


U.S. Department of Commerce
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>1) Gerhard J. Frey</p> <p>Additional name(s) of conveying party(ies) attached <input checked="" type="checkbox"/> yes <input type="checkbox"/> no</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Diversa Corporation</p> <p>Street Address: 10665 Sorrento Valley Road</p> <p>City: San Diego State: CA Zip Code: 92121</p> <p>Country: U.S.A.</p>
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<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date(s): 03/09/1999</p>	<p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
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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

<p>A. Patent Application No(s):</p> <p>09/267,118</p>	<p>B. Patent No(s):</p>
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Additional numbers attached? yes no

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.</p> <p>Internal Address: c/o Robert C. Millonig</p> <p>Street Address: 1100 New York Ave., N.W. Suite 600</p> <p>City: Washington State: D.C. Zip Code: 20005-3934</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R. § 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 19-0036</p>
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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.

<p>Robert C. Millonig</p> <p>Name of Person Signing</p> <p>Registration No. 34,395</p>	<p>Signature</p>	<p>8/11/99</p> <p>Date</p>
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Total number of pages including cover sheet, attachments and document 2

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

Mail documents to be recorded with required cover sheet information to:
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ASSIGNMENT OF APPLICATION

(In lieu of form USPTO/SB/15)

Whereas, I, **Gerhard J. Frey** of **San Diego**, hereafter referred to as "applicant", have invented certain new and useful improvements in:

"End Selection in Directed Evolution"

for which an application for a United States Patent is filed herewith (attached herewith).

Whereas, **Diversa Corporation** of **San Diego** herein referred to as "assignee" whose post office address is **10665 Sorrento Valley Road, San Diego, CA 92121** is desirous of acquiring the entire right, title and interest in the same.

Now, for good and valuable consideration, the receipt whereof is acknowledged, I, the applicant, by these presents do sell, assign, and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire right, title, and interest in and to any and all Patents which may be granted therefor in the United States. I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

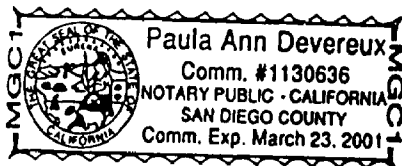
Executed this 9th day of March, 1999, at San Diego,
California

Gerhard J. Frey
Applicant's Signature

State of California)
County of San Diego) ss:

Before me personally appeared said Gerhard J. Frey
and acknowledged the foregoing instrument to be his free act and deed this 9th day of
March, 1999.

Seal



Paula Ann Devereux
Notary Public