| Form PTO-1595 (Rev. 09/04) OMB No. 0651-0027 (exp. 6/30/2005) | U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office | | |
|--|--|--|--|
| RECORDATION FORM | | | |
| PATENT | | | |
| To the Director of the U.S. Patent and Trademark Office: Pleas | e record the attached documents or the new address(es) below. | | |
| 1. Name of conveying party(ies)/Execution Date(s): | 2. Name and address of receiving party(ies) | | |
| Lilian Parra-Gessert | Name: Diversa Corporation | | |
| Angela Kennedy | Internal Address: | | |
| Execution Date(s) October 11, 2004 | Street Address: 4955 Directors Place | | |
| Additional name(s) of conveying party(ies) attached? Yes V No | | | |
| 3. Nature of conveyance: | | | |
| Assignment Merger | City: San Diego | | |
| Security Agreement Change of Name | State: California | | |
| Government Interest Assignment | Country: United States Zip: 92121 | | |
| Executive Order 9424, Confirmatory License | | | |
| Other | Additional name(s) & address(es) attached? Yes 🗹 No | | |
| 4. Application or patent number(s): | document is being filed together with a new application. | | |
| A. Patent Application No.(s) | B. Patent No.(s) | | |
| Ser No. 60/348,609 | 6,673,552 | | |
| | | | |
| | | | |
| Additional numbers at | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | | |
| Name: Diversa Corporation | 7. Total fee (37 CFR 1.21(h) & 3.41) \$_80 | | |
| Internal Address; IP Department | Authorized to be charged by credit card | | |
| | ✓ Authorized to be charged to deposit account | | |
| Street Address: P.O. Box 910550 | Enclosed | | |
| 0.000,7,0.000,0.000,0.000 | None required (government interest not affecting title) | | |
| City: San Diego | 8. Payment Information | | |
| State: California Zip: 92191-0550 | a. Credit Card Last 4 Numbers Expiration Date | | |
| Phone Number: <u>858-526-5419</u> | b. Deposit Account Number 50-0661 | | |
| Fax Number: <u>858-526-5047</u> | • | | |
| Email Address: afolarin@diversa.com | Authorized User Name Calvin Fan | | |
| 9. Signature: | May 2, 2005 | | |
| Signature | Date | | |
| Calvin Fan, Reg. No. 38,444 (Cust. No. 29062) Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: | | |

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Attorney Docket No: D1632-2 Assignment of USSN 60/348,609 and 10/077,474

ASSIGNMENT

For valuable consideration, we, LILIAN PARRA-GESSERT of 7023 Whipple Ave San Diego, CA 92122, and ANGELA KENNEDY of 344 Reynolds Rd., London, Ont. Canada N6K 2P6, hereby assign to: Diversa Corporation, a Delaware corporation having a place of business at:

4955 Directors Place San Diego, CA 92121-1609

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention(s) and improvement(s) which are subject of an application for United States Patent signed by us, entitled, METHODS FOR PURIFYING ANNEALED DOUBLE-STRANDED OLIGONUCLEOTIDES LACKING BASE PAIR MISMATCHES OR NUCLEOTIDE GAPS, filed January 15, 2002, and assigned U.S. Provisional Application Number 60/348,609, and filed February 14, 2002, and assigned U.S. Serial Number 10/077,474; and we authorize and request the attorney(s) appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of future related applications when known and to insert on this Assignment any further identification, including any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document; and we authorize and request the attorney(s) appointed in said application to hereafter insert the filing date(s) and serial number(s) of related continuations, divisionals, continuations-in-part (CIPs), reissues, re-examinations, and international applications when known. This assignment includes the application(s) cited herein and any and all related United States patent applications, including divisionals, reissues, re- examinations, continuations, CIPs, any and all United States and foreign patents, including U.S. Patent 6,673,552 issued January 6, 2004, utility models, and design registrations granted for any of said invention(s) or improvement(s), and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said

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invention(s) and improvement(s); and we agree for ourselves and our respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

| | IN WITNESS WHEREOF, I hereto set my hand and seal at | |
|--------|--|--------------|
| this _ | 11th day of October, 2004 | |
| | B/worth | L.S. |
| | Lilian Parra-Gessert | |
| | | |
| | IN WITNESS WHEREOF, I hereto set my hand and seal at | . |
| this _ | day of,2004 | |
| | | L.S. |
| | Angela Kennedy | |

RECORDED: 05/02/2005

invention(s) and improvement(s); and we agree for ourselves and our respective heirs, legal representatives, successors and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

| | IN WITNESS V | VHEREOF, I ne | reto set m | y nand and sear a | | _, |
|--------|------------------|----------------|------------|-------------------|--------------------------|-----|
| this _ | day | of | | ,2004 | | |
| | | | | | L. | S. |
| | Lilian Parra-Ges | sert | | | | |
| | | | | | | |
| | IN WITNESS V | VHEREOF, I he | reto set m | y hand and seal a | t <u>London, ON CANA</u> | 0A. |
| this _ | day | of <u>Octo</u> | ber | ,2004 | | |
| | | Angie | Ken | nedu | L. | S. |
| | Angela Kennedy | 1 | | | | |