Docket No.: 434001aa 10-22-1999 FORM PTO-1595 (Modified) SHEET U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar 0CT 20 P08A/REV02 101182908 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): Peter C. Dau and Debang Liu Name: Oligotrail, LLC MRD 10-20-98 Address: 1801 Maple Avenue ☐ Yes 🏿 No Additional names(s) of conveying party(ies) Nature of conveyance: ★ Assignment Merger City: Evanston State/Prov.: ILL ☐ Security Agreement ☐ Change of Name Country: USA ZIP: 60201 ☐ Other Execution Date: October 18, 1999 Additional name(s) & address(es) ☐ Yes ⊠ No 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: Filing date B. Patent No.(s) Patent Application No. 08/933,358 9/18/97 Additional numbers ☐ Yes 🔀 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Michael E. Whitham 7. Total fee (37 CFR 3.41):....\$ Registration No. 32,635 Enclosed Address: Whitham, Curtis & Whitham Authorized to be charged to deposit account 11800 Sunrise Valley Drive, Suite 900 8. Deposit account number: City: Reston State/Prov.: VA 23-1951 Country: US ZIP: 20191 DO NOT USE THIS SPACE 10/22/1999 DNGUYEN 00000008 08933358 01 FC:581 40.00 DP 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. October 20, 1999 Michael E. Whitham Name of Person Signing Date Signature Total number of pages including cover sheet, attachments, and

> PATENT REEL: 010316 FRAME: 0893

ASSIGNMENT OF INVENTION

WHEREAS, WE, Peter C. Dau and Debang Liu have invented certain new and useful improvements in DNA BRACKETING LOCUS COMPATIBLE STANDARDS FOR ELECTROPHORESIS which has been assigned U.S. Serial No: 08/933,358 filed September 18, 1997.

AND WHEREAS, Oligotrail, LLC, 1801 Maple Avenue, Evanston, Illinois 60201, referred to as Assignee, is desirous of acquiring an entire interest in said invention and in any Letters Patent which may be granted therefor.

NOW THIS INDENTURE WITNESSETE, That for a valuable consideration, the receipt of which is hereby acknowledged, we hereby assign, sell and transfer unto the said assignee, the entire right, title and interest in and to inventions disclosed in said application and in and to any Letters Patent of the United States and in and to any Letters Patent or Inventor's Certificates of any and all foreign countries which may be granted therefor, and in and to any and all priority and/or Convention rights or benefits accruing or to accrue to us with respect to the filing or securing of patents in the United States and/or securing of patents or inventor's certificates in any and all countries foreign thereto.

AND we hereby grant to assignee the right to apply in its own name for patents or inventor's certificates corresponding to the above invention in countries foreign to the United States.

AND WE hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the assignee thereof shall hereafter require and prepare at assignee's expense.

WITNESSETH, my hand this /8 day of

Peter C. Dau

Debang Liu

FROM: 7033919035

PATENT

REEL: 010316 FRAME: 0894