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Security Agreement	Street Address: 301 Merritt 7 P.O. Box 5435			
OtherMarch 14, 2002 Execution Date:	Norwalk, CT 06856-5435 City: State: CT 06856-5435 Additional name(s) & address(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) 09/949,002 (CL000790)	B. Patent No.(s)			
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Customer Number 25748 Street Address: 45 West Gude Drive, C2-4#20	8. Deposit account number: 50-0970			
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PATENT REEL: 013607 FRAME: 0620

ASSIGNMENT OF PATENT APPLICATION

(Inventors) J. Craig VENTER Jinghui N. ZHANG Xiangjun LUI William ROWE

Ashwinikumar NAIK Gangadharan SUBRAMANIAN **Trevor WOODAGE**

Annibal CRAVCHIK Francis KALUSH

RECORDED: 12/23/2002

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby sell(s) and assign(s) to PE CORPORATION (NY), a New York corporation, located at Global Headquarters, 301 Merritt 7, P.O. Box 5435, Norwalk, CT 06856-5435 (the Assignee) his/her entire right, title and interest

check applicable box(es) for the United States of America (as defined in 35 U.S.C. Sec. 100),

and throughout the world

in the invention(s) known as

POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH INFLAMMATORY AUTOIMMUNE DISEASE, METHODS OF **DETECTINO AND USES THEREOF**

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed U.S. Application Serial No. on September 10, 2001, in any and all applications thereon in any and all Letters Patent(s) therefor, and in any and all reissues, extensions, renewals, reexaminations, divisions and continuations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters patent(s) issue, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning the application(s) or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

The undersigned hereby grant(s) Robert A. Millman (Reg. No. 36,217), Michael J. Schmelzer (Reg. No. 43,093), Lin Sun-Hoffman (Reg. No. 47,983) and Justin D. Karjala (Reg. No. 43,704), telephone (240)453-3067, with a mailing address at: CELERA GENOMICS. Attn: Robert A. Millman, Director of Intellectual Property, 45 West Gude Drive C2-4#20, Rockville, MD 20850-1159, power to insert on this assignment any further identification which 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.

IN WITNESS WHEREOF, executed by	y the undersigned on	the date(s) opposite the undersigned name(s).	
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J. Craig VENTER	Date: f o f	Ashwinidumar NAIK	Date:
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Jinghui N. ZAANG	Date:	Gangadharan SUBRAMANIAN	Date:
	10/24/01	TWanday	11/9/01
Xiangjun LUTIY	Date:	Trevor WOOD GE	Date:
W. Kowl	10/12/01		
William ROWE	Date:		Date:
Mu!	3/14/02		
Annibal CRAVCHIK	Date:		Date:
Down Kalish	Oct 30/2001		
Francis KALUSH	Date:		Date:

CELERA GENOMICS (08/01) Page 1 of I 790 Assignment

> **PATENT** REEL: 013607 FRAME: 0621