ket No. 068660.0101		U.S. DEPARTMENT OF COMMERCE
01-74 DATEN	ORM COVER SHEET TS ONLY	Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks	Please record the attach	ned original documents or copy thereof.
Name and Address of Conveying Party(ies):	2. Name and Address	OI ICCOLANTE I MILA (1-1).
Howell Family Limited Partnership 10500 Metric Drive, Suite 116	Name: Internal Address: Street Address:	Genetic Technologies, L.P. Suite 116 10500 Metric Drive
Dallas, Texas 75243 dditional name(s) of conveying party(ies) attached?	City:	Dallas
Yes X No		Zip 75243
Nature of conveyance:  Merger		·
X Assignment		
Security Agreement Change of Name		
Other	1, 22/1 1, 22/2/2/2	e address(es) Yes X No
<del> </del>	Additional name(s) & attached?	e address(vs)
Execution Date: April 7, 2004		
4. Application number(s) or patent number(s):	the avecution date of the i	application is:
4. Application number(s) of patent number(s)  If this document is being filed together with a new application, to the second sec	B. Patent No.(s)	
A. Patent Application No.(s) 60/158,079; 60/279,788;	B. Patent 140.(0)	·
09/680,738; 10/071,136; 10/810,885; and 10/811,026	1	Yes N
Additional Numbers attached?		0
<u></u>	S. W. and a number of	applications and patents involved: Six (6)
5. Name and address of party to whom correspondence concerning	ng 6. Total number of	. approved
document should be mailed:		ED 2.41): \$240.00
Name: Jerry W. Mills	7. Total Fec (37 C	
Internal Address: Baker Botts L.L.P.	1 1 -	inclosed
Street Address: 2001 Ross Avenue, Suite 600	$\mathbf{x} \setminus \mathbf{A}$	authorized to be charged to deposit account
Street Address: 2001 Ross Avonav,	8. Deposit accoun	nt number:
City: Dallas		/068660.0101
State: Texas Zip: 75201-2980	(Attach Du	aplicate Copy of this page if paying by deposit account)
DO NO	T USE THIS SPACE	
Statement and signature.		t stephad come is a true copy of the origin
9. Statement and signature.  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief, the foregoing inform  To the best of my knowledge and belief.	nation is true and correct	ana any attached copy
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Jerry W. Mills Name of Person Signing Signature		al number of pages including cover sheet
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Mail documents to be recorded with required cover sheet info	rmation:	- Auton
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Was  Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per documen ecover sheet. Send commons regarding this burden estimate to the U.S. Patent and Tradequark Office. Off ecover sheet. Send U.Washington, D.C. 20503.	it to be recorded, montaining this loss confidence of Information Systems, PK2-1000C, W	astington, D.C. 20231, and to the Ottors of Management and
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<del>700082045</del>	R	REEL: 014591 FRAME: 0105

## PATENT ASSIGNMENT

WHEREAS; HOWELL FAMILY LIMITED PARTNERSHIP (hereafter "Assignee"), a Texas limited partnership, having an address of 10500 Metric Drive, Suite #116, Dallas, Texas 75243, is the owner of the patents and patent applications set forth on Exhibit A hereto and the inventions described and claimed therein (hereafter the "Patent Property"); and

WHEREAS, GENETIC TECHNOLOGIES, L.P. (hereafter "Assignor"), a Texas limited partnership, having and an address of 10500 Metric Drive, Suite #116, Dallas, Texas 75243, desires to acquire all right, title and interest in and to the Patent Property.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and set over to Assignee, all its right, title and interest in and to the Patent Property, as well as all provisionals, continuations, divisions, and continuations-in-part of said Patent Property, and all reissues and extensions thereof, the same to be held and enjoyed by Assignee for its own use and benefit, and for the use and benefit of its successors, assigns, or legal representatives, to the end of the term or terms for which such Patent Property may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

Assignor also assigns to Assignee, all right, title and interest in and to the inventions disclosed in said Patent Property throughout the world, including all know-how and proprietary information related there to, including inventor notebooks and the right to file applications and obtain patents, utility models, industrial models and designs for said Patent Property in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said inventions and all rights to register said Patent Property in appropriate registries; and Assignor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignce.

PATENT REEL: 014591 FRAME: 0106 Assignor also assigns unto Assignee all claims for damages by reason of infringement prior to the assignment date of the Patent Property throughout the world, with the right to sue for and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, the parties have caused this Patent Assignment to be executed on the dates and in the capacities shown below.

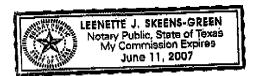
HOWE	ELL FAMILY LIMITED PARTNERSHIP
By:	Charles D. Howell
Its:	General Partner
Dated:	4-7-04
GENE	ETIC TECHNOLOGIES, L.P.
Ву:	METRIC INVESTMENT CORPORATION
	Charles D. Howell
	Its: President
	Date:

STATE OF TEXAS

COUNTY OF DALLAS

Before me, the undersigned, a Notary Public on this day personally appeared CHARLES D. HOWELL, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said HOWELL FAMILY LIMITED PARTNERSHIP, a Texas limited partnership, and that he had executed the same as the act of such limited partnership for the purpose and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office this 7 day of Lare



the State of Texas

STATE OF TEXAS

COUNTY OF DALLAS

Before me, the undersigned, a Notary Public on this day personally appeared Charles D. Howell, known to me to be the person and officer whose name is subscribed to the foregoing instrument and acknowledged to me that the same was the act of the said GENETIC TECHNOLOGIES, L.P., a Texas limited partnership, and that he had executed the same as the act of such limited partnership for the purpose and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office, this Ht day of

LEENETTE J. SKEENS-GREEN Notary Public, State of Texas Commission Expires June 11, 2007

the State of Texas

PATENT REEL: 014591 FRAME: 0108

## EXHIBIT A

## U.S. Patent Applications

Appln, No.	Filing Date	<u>Title</u>
60/158,079	10/07/1999	Adjustable Sensitivity, Genetic Molecular Interaction Systems, Including Protein-Protein Interaction Systems for Detection and Analysis.
09/680,738	10/06/2000	Adjustable Sensitivity, Genetic Molecular Interaction Systems, Including Protein-Protein Interaction Systems for Detection and Analysis. (Conversion of 60/158,079)
60/279,788	03/29/2001	Improved Cloning for Hybrid Gene Libraries.
60/339,646	12/11/2001	Use of Programmed Frameshift Sites for Hybrid Gene Construction.
60/339,647	12/11/2001	Neocleotide Sequences that Encode Polypeptides in Multiple Reading Frames.
10/071,136 (Pub. No. 2002-0142337)	02/06/2002 10/03/2002	Improved Hybrid Gene Libraries and Uses Thereof. Improved Hybrid Gene Libraries and Uses Thereof. (Conversion of 60/279,788)
10/810,995	03/26/2004	Adjustable Sensitivity, Genetic Molecular Interaction Systems, Including Protein-Protein Interaction Systems for Detection and Analysis. (Continuation of 09/680,738)
10/811,026	0326/2004	Improved Hybrid Gene Libraries and Uses Thereof. (Division of 10/071,136)

REEL: 014591 FRAME: 0109

## Foreign Patents

	Country	Patent No.	Issue Date	<u>Title</u>		
	PCT	WO200125420 (PCT/US00/27677)	04/18/2002 10/06/2000	Adjustable Sensitivity, Genetic Molecular Interaction Systems, Including Protein-Protein Interaction Systems for Detection and Analysis.		
Foreign Patent Applications						
	Country	Appln. No.	Filing Date	<u>Title</u>		
	EPO	EP00972024.4	10/06/2000	Adjustable Sensitivity, Genetic Molecular Interaction Systems, Including Protein-Protein Interaction Systems for Detection and Analysis.		
	Australia	AU1074401	10/06/2000	Adjustable Sensitivity, Genetic Molecular Interaction Systems, Including Protein- Protein Interaction Systems for Detection and Analysis.		
	Canada	CN2386258	10/06/2000	Adjustable Sensitivity, Genetic Molecular Interaction Systems, Including Protein- Protein Interaction Systems for Detection and Analysis.		
	Israel	IL148967	10/06/2000	Molecular Interaction Systems, Including Protein-Protein Interaction Systems for Detection and Analysis.		
	Japan	JP2001-528573	10/06/2000	Molecular Interaction Systems, Including Protein-Protein Interaction Systems for Detection and Analysis.		
	PCT	PCT/US02/05125	02/06/2002	Improved Hybrid Gene Libraries and Uses Thereof.		
	EPO	EPO02723201.6	02/06/2002	Improved Hybrid Gene Libraries and Uses Thereof.		

**REEL: 014591 FRAME: 0110** 

RECORDED: 05/03/2004