orm PTO-1595 (Rev. 07/05) MB No. 0651-0027 (exp. 6/30/20 <u>08)</u>	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office	
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To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.	
. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
MIN HE JANUARY 17, 2006 (201) JANUARY 31, 2006	Name: Wyeth	
BRADLEY ARNOLD HALTLI JANUARY 19, 2006 MELISSA M. WAGENAAR JANUARY 20, 2008	Internal Address:	
dditional name(s) of conveying party(les) attached? ✓ Yes 🔛 No	Street Address: FIVE GIRALDA FARMS	
. Nature of conveyance/Execution Date(s):	Street Address. Five GIRALDA FAISMS	
Execution Date(s)		
✓ Assignment Merger	City: MADISON	
Security Agreement Change of Name	Sity:	
Joint Research Agreement	State: NEW JERSEY	
Government Interest Assignment	Country: USA Zip: 07940	
Executive Order 9424, Confirmatory License	_	
Oliner	Additional name(s) & address(es) attached? Yes V No	
4. Application or patent number(s):	s document is being filed together with a new application.	
A. Patent Application No.(s)	B. Patent No.(s)	
11/143,980		
Additional numbers	attached? Yes Vo	
5. Name and address to whom correspondence	6. Total number of applications and patents	
concerning document should be mailed:	involved: 1	
Name: <u>HOWSON AND HOWSON</u>	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00	
Internal Address:	Authorized to be charged by credit card	
III(CITIAL AGGIGGG.	Authorized to be charged to deposit account	
THE STATE OF THE S	Enclosed	
Street Address: SPRING HOUSE CORPORATE CENTER	None required (government interest not affecting title)	
321 NORRISTOWN ROAD, SUITE 200, BOX 457	8. Payment Information	
City: SPRING HOUSE	a. Credit Card Last 4 Numbers	
State: PA Zip: 19477	Expiration Date	
Phone Number: 215-540-9200	b. Deposit Account Number 08-3040	
Fax Number: 215-540-5818		
Email Address: CKODROFF@HOWSONANDHOWSON.COM	Authorized User Name <u>Howson AND Howson</u> 1	
9. Signature: Cother a fodes ??	FEBRUARY 14, 2006	
Signature	Date	
CATHY A. KODROFF	Total number of pages including cover 15	
Name of Person Signing	sheet, attachments, and documents:	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

RECORDATION FORM COVER SHEET-PAGE 2

NAME OF CONVEYING PARTY(IES) AND DATES

EDMUND GRAZIANI MIA SUMMERS KERRY KULOWSKI XIDONG FENG KEVIN PONG JANUARY 18, 2006 JANUARY 20, 2006 JANUARY 16, 2006 JANUARY 16, 2006 JANUARY 17, 2006

> PATENT REEL: 017260 FRAME: 0871

Docket No: AM-101426

Patent

Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS:

(1) Full Name of Inventor: Min He

Residence: 36 Tuxedo Lane, Congers NY 10920

Citizenship: CHINA

(2) Full Name of Inventor: John Hucul

Residence: 72 Havermill Road, New City, NY 10956

Citizenship: US

(3) Full Name of Inventor: Bradley Arnold Haltli Residence: 2 Eton Place, Monsey, NY 10952

Citizenship: US

(4) Full Name of Inventor: Melissa M. Wagenaar

Residence: 4 Francis Avenue, Nyack, NY 10960-

Citizenship: US 46 Fletcher St. Goshen. NY 10924

(mi) 1/20/06

(5) Full Name of Inventor: Edmund Graziani

Residence: 621 Shelton Road, Ridgewood, NJ 07450

Citizenship: CANADA

(6) Full Name of Inventor. Mia Summers

Residence: 18 S. Mill Street, Nyack, NY 10960

Citizenship: CANADA

(7) Full Name of Inventor: Kerry Kulowski

Residence: 220 Cupsaw Drive, Ringwood, NJ 07456

Citizenship: US

(8) Full Name of Inventor: Kevin Pong

Residence: 61 Eldridge Drive, Robbinsville, NJ 08691

Citizenship: US

(9) Full Name of Inventor: Xidong Feng

Residence: 25-26 B Fairlong Avenue, Fairlong_NJ 07410

Citizenship: China FAIR LAWN

hereby sell, assign and transfer to ASSIGNEE:

Wyeth Five Giralda Farms Madison, NJ 07940

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

BIOSYNTHETIC GENE CLUSTER FOR THE PRODUCTION OF A COMPLEX POLYKETIDE

and invented by ASSIGNOR and the following additional inventors, if any: and which is found in U.S. Application No. 11/143,980 filed onJune 3, 2005 and any legal equivalent thereof in a foreign country,

including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS authorizes ASSIGNEE to make applications for and to receive Letters patent for said invention in any of said countries in its own name, or in ASSIGNOR's name, at its election.

ASSIGNORS covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefore and to, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any interference, litigation or proceeding related thereto and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns or other legal representatives, and that to, at any time, upon the request and at the expense of ASSIGNEE execute any continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to Letters Patent and reissue or re-examination thereof, or any other additional applications of Letters Patent for said invention or any part thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AssignmentNon-Provisional.dot – Rev 2/05

Page 2 of 7

Assignment of Invention Non-Provisional Application

REEL: 017260 FRAME: 0873

ASSIGNORS authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to its ASSIGNEE.

ACKNOWLEDGMENT

County of

On the / 7 day of

2006, Min He personally appeared before me,

known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

JANICE A. WHITE NOTARY PUBLIC - STATE OF NEW YORK

NO. 01-WH6052604 QUALIFIED IN ROCKLAND COUNTY MY COMMISSION EXPIRES 12-26-2006

ACKNOWLEDGMENT

County of

2006, John Hucul personally appeared before day of January On the 3/me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

ROSEANN D. JASTROW NO. 01JA6085816 QUALIFIED IN ROCKLAND COUNTY

MY COMMISSION EXPIRES 01-06-20_6

ACKNOWLEDGMENT

2006, Bradley Arnold Haltli personally

appeared before mer known by roe to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

JANICE A. WHITE NOTARY PUBLIC - STATE OF NEW YORK NO. ()1-WH6052604 QUALIFIED IN ROCKLAND COUNTY

MY COMMISSION EXPIRES 12-26-20 06

ACKNOWLEDGMENT

County of

On the 20 day of

2006, Melissa M. Wagenaar

personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

JANICE A. WHITE NOTARY PUBLIC - STATE OF NEW YORK NO. 01-WH6052604 QUALIFIED IN ROCKLAND COUNTY MY COMMISSION EXPIRES 12-26-20 06

Edmund Graziani

ACKNOWLEDGMENT

County of

2006, Edmund Graziani personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free

will and for the purposes set forth.

JANICE A. WHITE NOTARY PUBLIC - STATE OF NEW YORK NO. 01-WH6052804 QUALIFIED IN ROCKLAND COUNTY MY COMMISSION EXPIRES 12-28-20 of

ACKNOWLEDGMENT

County of Zockens

2006, Mia Summers personally appeared before On the 3D day of TANKALY me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

JANICE A, WHITE NOTARY PUBLIC - STATE OF NEW YORK NO. 01-7/0H6052604 QUALIFIED IN ROCKLAND COUNTY. MY COMMISSION EXPIRES 12-26-20 06

<u>ACKNOWLEDGMENT</u>

County of

will and for the purposes set forth.

On the day of before me, known by me to be the same person described in and who executed the 2006, Kerry Kulowski personally appeared foregoing instrument, and acknowledged that he/she executed the same, of his/her own free

ROSEANN D. JASTROW NO. 01JA6085816 QUALIFIED IN ROCKLAND COUNTY MY COMMISSION EXPIRES 01-06-200

Page 6 of 7

Assignment of Invention Non-Provisional Application

PATENT REEL: 017260 FRAME: 0877

Kevin Pong		Date
	<u>ACKNOV</u>	/LEDGMENT
State of	} 	
County of	}}	
On the day of me, known by me to be the instrument, and acknowled for the purposes set forth.	same person del	2006, Kevin Pong personally appeared before scribed in and who executed the foregoing executed the same, of his/her own free will and
		Notary Public
Xidong Feng)	1/16/2006 Date
	<u>ACKŅO</u>	WLEDGMENT
State of New Year County of Rockle	k) rd ss:	
On the by day of me, known by me to be th instrument, and acknowle for the purposes set forth.	aged that he/she	2006, Xidong Feng personally appeared before escribed in and who executed the foregoing executed the same, of his/her own free will and
ROSEANN D. JAST NO. 01JA608581 QUALIFIED IN ROCKLAN MY COMMISSION EXPIRE	6 D COUNTY	Rue Gra D July
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Docket No: AM-101426

Assignment of Invention

In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS:

Full Name of Inventor: Min He (1)

Residence: 36 Tuxedo Lane, Congers NY 10920

Citizenship: CHINA

(2) Full Name of Inventor: John Hucul

Residence: 72 Havermill Road, New City, NY 10956

Citizenship: US

Full Name of Inventor: Bradley Arnold Haltli Residence: 2 Eton Place, Monsey, NY 10952

Citizenship: US

Full Name of Inventor: Melissa M. Wagenaar (4) Residence: 1 Francis Avenue, Nyack, NY 10960

Citizenship: US

Full Name of Inventor: Edmund Graziani

Residence: 621 Shelton Road, Ridgewood, NJ 07450

Citizenship: CANADA

Full Name of Inventor: Mia Summers (6)

Residence: 18 S. Mill Street, Nyack, NY 10960

Citizenship: CANADA

Full Name of Inventor: Kerry Kulowski

Residence: 220 Cupsaw Drive, Ringwood, NJ 07456

Citizenship: US

Full Name of Inventor: Kevin Pong

Residence: 61 Eldridge Drive, Robbinsville, NJ 08691

Citizenship: US

Full Name of Inventor: Xidong Feng

Residence: 25-26 B Fairlong Avenue, Fairlong, NJ 07410

· Citizenship: China

hereby sell, assign and transfer to ASSIGNEE:

Wyeth Five Giralda Farms Madison, NJ 07940

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to the invention entitled:

BIOSYNTHETIC GENE CLUSTER FOR THE PRODUCTION OF A COMPLEX POLYKETIDE

and invented by ASSIGNOR and the following additional inventors, if any: and which is found in U.S. Application No. 11/143,980 filed onJune 3, 2005 and any legal equivalent thereof in a foreign country,

including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patent to be obtained for said invention by the above application or any subsequently filed provisional, nonprovisional, continuation, divisional, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS authorizes ASSIGNEE to make applications for and to receive Letters patent for said invention in any of said countries in its own name, or in ASSIGNOR's name, at its election.

ASSIGNORS covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefore and to, at any time, upon the request and at the expense of ASSIGNEE deliver any testimony in any interference, litigation or proceeding related thereto and execute all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefore in ASSIGNEE, its successors, assigns or other legal representatives, and that to, at any time, upon the request and at the expense of ASSIGNEE execute any continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to Letters Patent and reissue or re-examination thereof, or any other additional applications of Letters Patent for said invention or any part thereof, all of which applications and any Letters Patent issuing thereon are hereby assigned to ASSIGNEE, and will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of ASSIGNEE, its successors, assigns or other legal representatives.

AssignmentNon-Provisional.dot – Rev 2/05

Page 2 of 7

Assignment of Invention Non-Proximienal Application

REEL: 017260 FRAME: 0880

ASSIGNORS authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said invention, resulting from any of the aforesaid applications to its ASSIGNEE.

Min He	Date
	ACKNOWLEDGMENT SS:
	Notary Public

Docket No: AM-101426 Patent Date John Hucul **ACKNOWLEDGMENT** State of County of 2006, John Hucul personally appeared before day of On the me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Notary Public Date Bradley Arnold Haltli <u>ACKNOWLEDGMENT</u> State of SS: County of 2006, Bradley Arnold Haltli personally day of appeared before me, known by me to be the same person described in and who executed On the the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth. Notary Public

Docket No: AM-101426

Patent

Melissa M. Wagenaar	Date
<u>ACKNOWL</u>	EDGMENT
State of	wiedged that he/she executed the same, of
ر العام ا العام العام الع	Notary Public
Edmund Graziani ACKNOWI	Date _ <u>EDGMENT</u>
State of	006, Edmund Graziani personally appeared
	Notary Public
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AssignmentNon-Provisional.dot – Rev 2/05

	Doto
Mia Summers	Date
	ACKNOWLEDGMENT
State of	} ss:
County of	
On the day of me, known by me to be the sa instrument, and acknowledged for the purposes set forth.	2006, Mia Summers personally appeared beforme person described in and who executed the foregoing that he/she executed the same, of his/her own free will and
	Notary Public
y ang mang mang mang mang mang mang mang	
Kerry Kulowski	Date
	ACKNOWLEDGMENT
State of	}}
County of	}}
On the day of before me, known by me to be foregoing instrument, and ack will and for the purposes set f	2006, Kerry Kulowski personally appeared the same person described in and who executed the owledged that he/she executed the same, of his/her own frenth.
	Notary Public
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ACKNOWLEDGMENT

State of	New Jersey	_}
County of	Hiddlesex	ss }

On the 17th day of January 2006, **Kevin Pong** personally appeared before me, known by me to be the same person described in and who executed the foregoing instrument, and acknowledged that he/she executed the same, of his/her own free will and for the purposes set forth.

	Lawting Purch
~~~~	N CTAROLINA PIOREX NOTARY PUBLIC OF NEW JERSEY Commission Explos \$ 227/2010
Xidong Feng	Date
	ACKNOWLEDGMENT
State of	}
County of	ss: }
	to be the same person described in and who executed the foregoing knowledged that he/she executed the same, of his/her own free will and

Notary Public

**RECORDED: 02/14/2006**