Recordation

Patents Or

Docket No: GI5320-P3

REEL: 013666 FRAME: 0085

Patent

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

To the Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission Type New Resubmission (Non-Recordation) Document ID # Correction of PTO Error Reel # Frame # Corrective Document Reel # Frame #		
Conveyance Type: Assignment License Other Change of Name	Security Agree Merger	ement
Kyri; 6. Collins, Mary; 7. Ma, Margery; 8. Young, I	Deborah A.; 9. Witek,	JoAnn S.;
Additional name(s) of conveying party(ies) attached Yes No	1 D	> 1-11138
3. Leslie D. Lowe January 7, 2003; 4. Matthew J. W. January 7, 2003; 6. Mary Collins January 7, 2003; 7. Deborah A. Young January 13, 2003; 9. JoAnn S. W. January 11, 2003; 11. Marion T. Kasaian January 7,	hitters January 7, 2001 Margery Ma January Vitek January 7, 2003; 2003; 12. Debra D. D	3; 5. Kyri Dunussi 7, 2003; 8. 10. Glenn Larsen
Receiving party(ies):		
Wyeth Five Giralda Farms, Madison, New Jersey 07940		OFFICE C
Additional name(s) and address(es) attached: ☐ Yes ☐ No	10264634	ANCE SEL
Correspondent address:	0901/0	SECTION
Diana M. Collazo, Esq. Wyeth	00000045 071060 40.00 CH	W
	-	
Patent Law Department Five Giralda Farms, Madison, NJ 07940 Tel. No. (617) 665-8775	01/25/2003 610M11 0 1/25/2003 610M11 0 1/25/2000 61	
	New	New Resubmission (Non-Recordation) Document ID # Correction of PTO Error Reel # Frame # Corrective Document Reel # Frame # Conveyance Type: Assignment License Security Agree Merger Conveying party(ies): 1.Carter, Laura; 2. Carreno, Beatriz; 3. Lowe, Leslie D.; 4. Whitters, Mattl Kyri; 6. Collins, Mary; 7. Ma, Margery; 8. Young, Deborah A.; 9. Witek, 10. Larsen, Glenn; 11. Kasaian, Marion T.; 12. Donaldson, Debra D.; and Michelle. Additional name(s) of conveying party(ies) attached: Yes No Execution Date: 1. Laura Carter January 7, 2003; 2. Beatriz Carreno January 3. Leslie D. Lowe January 7, 2003; 4. Matthew J. Whitters January 7, 2003; January 7, 2003; 6. Mary Collins January 7, 2003; 7. Margery Ma January 7, 2003; January 7, 2003; 11. Marion T. Kasaian January 7, 2003; January 11, 2003; 11. Marion T. Kasaian January 7, 2003; 12. Debra D. D7, 2003; and 13. Michelle Unger December 26, 2002. Receiving party(ies): Wyeth Five Giralda Farms, Madison, New Jersey 07940 Additional name(s) and address(es) attached: Yes No Correspondent address:

	Pate
5.	 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 Number(s): 10/264,634 B. Patent Number(s): C. Patent Cooperation Treaty (PCT) Application Number(s) (only if a U.S. Application Number has not been assigned): Additional numbers attached:
7.	Pages: Enter the total number of pages of the attached conveyance document including any attachments: 20 pages
3.	Total number of properties involved: 1
€.	Total Fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account.
10.	Deposit Account Number: 07-1060 Authorization is given to charge any additional fees to deposit account. (Attach duplicate copy of this page if paying by deposit account).
11.	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. Charges to deposit account are authorized, as indicated herein.
	Date Diana M. Collazo Attorney for Applicants

Reg. No. 46,635

For:	☑ U.S. and/or ☑ Foreign Rights☑ U.S. Application or ☐ U.S. Patent
	Assignment of Invention
	In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable ideration, the receipt of which is hereby acknowledged, IGNOR:
(1)	Full Name of Inventor: Laura Carter Residence: 58 Mystic Street, Medford, MA 02155 Citizenship: United States of America
(2)	Full Name of Inventor: Beatriz Carreno Residence: 37 Nash Road, Acton, MA 01720 Citizenship: Venezuela
(3)	Full Name of Inventor: Leslie D. Lowe Residence: 167 Pratts Mill Road, Sudbury, MA 01776 Citizenship: United States of America
(4)	Full Name of Inventor: Matthew J. Whitters Residence: 14 Brenton Wood Road, Hudson, MA 01749 Citizenship: United States of America
(5)	Full Name of Inventor: Kyri Dunussi Residence: 64 Douglas Road, Belmont, MA 02478 Citizenship: US Resident/Greece
(6)	Full Name of Inventor: Mary Collins Residence: 54 Rathbun Road, Natick, MA 01760 Citizenship: United States of America
(7)	Full Name of Inventor: Margery Ma Residence: 4925 Washington Street, #403, W. Roxbury, MA 02132 Citizenship: China
(8)	Full Name of Inventor: Deborah A. Young Residence: 39 Nelson Road, Melrose, MA 02176 Citizenship: United States of America

Patent

(9) Full Name of Inventor: JoAnn S. Witek

Residence: 409 Arlington Street, Acton, MA 01720

Citizenship: United States of America

(10) Full Name of Inventor: Glenn Larsen

Residence: 112 Maynard Farm Road, Sudbury, MA 01776

Citizenship: United States of America

(11) Full Name of Inventor: Marion T. Kasaian

Residence: 18 Concord Street, #1, Charlestown, MA 02129

Citizenship: United States of America

(12) Full Name of Inventor: Debra D. Donaldson

Residence: 108 Blakely Road, Medford, MA 02155

Citizenship: United States of America

(13) Full Name of Inventor: Michelle Unger

Residence: 203 Weyer Drive, Chapel Hill, NC 27516

Citizenship: United States of America

hereby sells, assigns and transfers to ASSIGNEE:

Wyeth Five Giralda Farms Madison, New Jersey 07940

REEL: 013666 FRAME: 0088

Page 2 of 10

Patent

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:

METHODS AND COMPOSITIONS FOR MODULATING INTERLEUKIN-21 RECEPTOR ACTIVITY

and invented by ASSIGNOR and the following additional inventors, if any:

and v	vhich :	is foun	d in
	[chec	k and	complete (a), (b), (c), (d) or (e)]
	(a)		U.S. patent application executed on even date herewith.
	(b)		U.S. patent application executed on:
	(c)		U.S. provisional application, not yet filed, naming the above inventor(s) for
			the above-entitled invention
			Express mail label no.:
	(d)	\boxtimes	U.S. application Serial No. 10/264,634 filed on: October 4, 2002
	(e)		U.S. Patent No. issued on:
	[also	check	(f) if foreign application(s) is(are) also being assigned]
	(f)	\boxtimes	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.

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

ASSIGNOR 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.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefor 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 therefor 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.

Patent

1 1 1	<i>j</i> /
Saura / Carter	1/7/03
Laura Carter	L.S. Date
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ACKNOWLEDGMENT
State of Massachusetts	}
C 26:111	ss:
County of Middlesex	0.000
On the 7 day of December 2	2002; Laura Carter personally appeared before me, known
me to be the same person desc	cribed in and who executed the foregoing instrument, a
acknowledged that he/she execute forth.	ed the same, of his/her own free will and for the purposes
Paula M. Gaeta, Not	tary Public
Commonwealth of Ma My Commission Expire	assichusette
	Notary Public
Renteri n. E	(/7/03
Sentui h. E	L.S. Date
Beatric Garreno	1/7/03
Beatric Garreno	
State of Massachusetts	
State of Massachusetts  County of Middlesex	// 7/03  L.S. Date  ACKNOWLEDGMENT
State of Massachusetts  County of Middlesex	L.S. Date  ACKNOWLEDGMENT  ss:
County of Middlesex  On the 7 day of December 20 me to be the same person described.	L.S. Date  ACKNOWLEDGMENT  ss:  002, Beatriz Carreno personally appeared before me, known acribed in and who executed the foregoing instrument, a
State of Massachusetts  County of Middlesex  On the 7 day of December 26 me to be the same person deso acknowledged that he/she execute	L.S. Date  ACKNOWLEDGMENT  ss:
State of Massachusetts  County of Middlesex  On the 7 day of December 20 me to be the same person descacknowledged that he/she execute forth.  Paula M. Gaste, Notang B.	L.S. Date  ACKNOWLEDGMENT   ss:  002, Beatriz Carreno personally appeared before me, known cribed in and who executed the foregoing instrument, and the same, of his/her own free will and for the purposes
State of Massachusetts  County of Middlesex  On the 7 day of December 20 me to be the same person descacknowledged that he/she execute forth.  Paula M. Gaete, Notary Programmonwealth of Massachusetts	L.S. Date  ACKNOWLEDGMENT    SS:
State of Massachusetts  County of Middlesex  On the 7 day of December 20 me to be the same person descacknowledged that he/she execute forth.  Paula M. Gaste, Notang B.	L.S. Date  ACKNOWLEDGMENT    SS:

ASSIGNOR authorizes and requests the Commissioner of Patents to issue any and all

Lestri Dona		1-7-03
Leslie D. Lowe	L.S.	Date
Δ	KNOWLED	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
<u>Ner</u>	IN TOWELD	OWILIVI
State of Massachusetts	}	
Transitional Party	ss:	
County of Middlesex	_}	
On the Jorday of December 2002, I.	、ユルトラ eslie D. Low	ve personally appeared before me, known by
me to be the same person described	in and wh	o executed the foregoing instrument, and
acknowledged that he/she executed the forth.	same, of his	s/her own free will and for the purposes set
Paula M. Gaete, Notary Public		
Commonwealth of Massachusetts My Commission Expires 10/31/2008		Notary Public
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~	
m411 / 11/11		./ /
Mathewal Whethere		/ 3 /3
Matthew J. Whatters	L.S.	Date
ACI	KNOWLED	<u>GMENT</u>
State of Massachusetts	_} `ss:	
County of Middlesex	_}	
On the Thetay of December 2002	2003	Whitters personally appeared before me,
		and who executed the foregoing instrument,
and acknowledged that he/she executed set forth.	the same, o	of his/her own free will and for the purposes
Paula M. Gaete, Notary Public		
Commonwealth of Massachusetts My Commission Expires 10/31/200		and Differte
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Notary Public
	Danie Ci	O Anniamanant of Instanti
AssignmentNewApp.dot – Rev 5/02	Page 5 of 1	O Assignment of Invention

Kyri Dunussi – Joanniponles 1/1/03  Kyri Dunussi L.S. Date
Kyri Dunussi
<u>ACKNOWLEDGMENT</u>
State of Massachusetts }
County of Middlesex }
January 2003
On the 7 4 day of December 2002, Kyri Dunussi 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.
Paula M. Gaete, Notary Public
Commonwealth of Massachusetts  My Commission Expires 10/31/2008  Notary Public
Mary Collins 1/07/03
Mary Collins L.S. Date
ACKNOWLEDGMENT
State of Massachusetts }
ss:
County of Middlesex }
On the day of December 2002, Mary Collins 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.
Paula M. Gaete, Notary Public Commonwealth of Massachusetts  My Commence of Massachusetts
My Commission Expires 10/31/2008  Notary Public

marity		11103	
Margery Ma	L.S.	Date	<u> </u>
	~~~~~~ ACKNOWLE	DGMENT	~~~~~~
State of Massachusetts County of Middlesex On the Thank and Tank	bed in and we the same, of	Common My Common	instrument, and
Deborah A. Young	L.S.		
	ACKNOWLE	DGMENT	~~~~~~~~
State of Massachusetts County of Middlesex	} ss: }	Commonw My Commis	Gaete, Notary Public eaith of Massachusetts sion Expires 10/31/2008
On the 13 day of December 2 known by me to be the same person and acknowledged that he/she execuset forth.	n described in	and who executed the forego	oing instrument,
	 	Notary Public	~~~~~

Patent

Odena III)	ul o	1/7/2003
JoAnn S. Witek	L.S.	Date
~~~~~~~~~~~~~~~~~	ACKNOWLE	DGMENT
		<del></del>
State of Massachusetts	}}	
County of Middlesex	ss:	
	/ / Y_2003	
On the 7 day of December 24	902, JoAnn S. W	itek personally appeared before me, known by
me to be the same person des	cribed in and v	who executed the foregoing instrument, and his/her own free will and for the purposes set
forth.		
Paula M. Gaete, Notary	/ Public	-aula m. Tato
Commonwealth of Mass My Commission Expires		Notary Public
My Commission as		
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	.~~~~~~~	
an I		
Illen Ju		1/1/03
Glenn Larsen	L.S.	Date
~~~~~~~~~~~~~~~~~~	ACKNOWLE	DGMENT
	MCRITOWEL	
State of Massachusetts	}	Paula M. Gaete, Notary Public Commonwealth of Massachusens My Commission Explanation
State of Wassachusetts		My Commission Expires 10/31/2006
County of Middlesex	1/4/ 1003	
On the 1) day of December		sen personally appeared before me, known by
me to be the same person des	scribed in and v	who executed the foregoing instrument, and
acknowledged that he/she execu- forth.	ted the same, of	his/her own free will and for the purposes set
ioiui.		
		O audio Julio
		Notary Public
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~	

AssignmentNewApp.dot - Rev 5/02

Patent

Man I Kas			17/03
Marion T. Kasaian	L.S.	Date	
~~~~~~~~~~~	ACKNOWLE	DGMENT	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
by me to be the same person de	scribed in and d the same, of	who execu	sonally appeared before me, known ated the foregoing instrument, and in free will and for the purposes set
My Commission Expires 10/31/	etts 2006		Notary Public
Delva J. Amald Debra D. Donaldson	L.S.	Date	an 7,200,3
~~~~~~~~~~~~~~~~~~~~~~	ACKNOWLE	EDGMENT	
known by me to be the same per	son described i	n and who	on personally appeared before me, executed the foregoing instrument, own free will and for the purposes
Paula M. Gaete, Notary Publicommonwealth of Massachus My Commission Expires 10/31	3 5 113		Notary Public

Patent

Michelle Unger	L.S.	Date
~~~~~~~~~~	<u>ACKNOWLE</u> I	
State of	}}	
County of	ss: }}	
me to be the same pers	on described in and w	ger personally appeared before me, known by who executed the foregoing instrument, and nis/her own free will and for the purposes set
		Notary Public

S:\LACOMMON\PATENTS\AMEND\5320\P3\Assignment of Invention.doc

For: For:	<ul><li>☑ U.S. and/or ☑ Foreign Rights</li><li>☑ U.S. Application or ☐ U.S. Patent</li></ul>
	Assignment of Invention
	In consideration of the payment by ASSIGNEE to ASSIGNOR of good and valuable ideration, the receipt of which is hereby acknowledged, IGNOR:
(1)	Full Name of Inventor: Laura Carter Residence: 58 Mystic Street, Medford, MA 02155 Citizenship: United States of America
(2)	Full Name of Inventor: Beatriz Carreno Residence: 37 Nash Road, Acton, MA 01720 Citizenship: Venezuela
(3)	Full Name of Inventor: Leslie D. Lowe Residence: 167 Pratts Mill Road, Sudbury, MA 01776 Citizenship: United States of America
(4)	Full Name of Inventor: Matthew J. Whitters Residence: 14 Brenton Wood Road, Hudson, MA 01749 Citizenship: United States of America
(5)	Full Name of Inventor: Kyri Dunussi Residence: 64 Douglas Road, Belmont, MA 02478 Citizenship: US Resident/Greece
(6)	Full Name of Inventor: Mary Collins Residence: 54 Rathbun Road, Natick, MA 01760 Citizenship: United States of America
(7)	Full Name of Inventor: Margery Ma Residence: 4925 Washington Street, #403, W. Roxbury, MA 02132 Citizenship: China
(8)	Full Name of Inventor: Deborah A. Young Residence: 39 Nelson Road, Melrose, MA 02176 Citizenship: United States of America

Patent

(9)Full Name of Inventor: JoAnn S. Witek

Residence: 409 Arlington Street, Acton, MA 01720

Citizenship: United States of America

(10) Full Name of Inventor: Glenn Larsen

Residence: 112 Maynard Farm Road, Sudbury, MA 01776

Citizenship: United States of America

(11) Full Name of Inventor: Marion T. Kasaian

Residence: 18 Concord Street, #1, Charlestown, MA 02129

Citizenship: United States of America

(12) Full Name of Inventor: Debra D. Donaldson

Residence: 108 Blakely Road, Medford, MA 02155

Citizenship: United States of America

(13) Full Name of Inventor: Michelle Unger

Residence: 203 Weyer Drive, Chapel Hill, NC 27516

Citizenship: United States of America

hereby sells, assigns and transfers to ASSIGNEE:

Wyeth Five Giralda Farms Madison, New Jersey 07940

Patent

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:

## METHODS AND COMPOSITIONS FOR MODULATING INTERLEUKIN-21 RECEPTOR ACTIVITY

and invented by ASSIGNOR and the following additional inventors, if any:

and v	vhich	is foun	d in			
	[chec	ck and	complete (a), (b), (c), (d) or (e)]			
	(a)		U.S. patent application executed on even date herewith.			
	(b)		U.S. patent application executed on:			
	(c)		U.S. provisional application, not yet filed, naming the above inventor(s) for			
			the above-entitled invention			
			Express mail label no.:			
	(d)	$\boxtimes$	U.S. application Serial No. 10/264,634 filed on: October 4, 2002			
	(e)		U.S. Patent No. issued on:			
	[also	check	(f) if foreign application(s) is(are) also being assigned]			
	(f)	$\boxtimes$	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.

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

ASSIGNOR 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.

ASSIGNOR covenants and agrees to execute or procure any further necessary assurance of the title to said invention and any Letters Patent which may issue therefor 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 therefor 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.

Patent

Laura Carter	L.S.	Date
Laura Cartor	2.0.	
~~~~~~~~~~	ACKNOWLE	EDGMENT
State of Massachusetts County of Middlesex	}} ss:	
On the day of December me to be the same person de	scribed in and	arter personally appeared before me, known by who executed the foregoing instrument, and his/her own free will and for the purposes set
		Notary Public
~~~~~~~~~~~~~~~~~~	~~~~~~	
Beatriz Carreno		Date
Beatriz Carreno	L.S.  ACKNOWLI	Date
State of Massachusetts	~~~~~~	Date
State of Massachusetts  County of Middlesex  On the day of December: me to be the same person de	ACKNOWLE  ACKNOWLE  ss:  2002, Beatriz Car scribed in and	Date

ASSIGNOR 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

Page 4 of 10

Assignment of Invention

applications to its ASSIGNEE.

Leslie D. Lowe	L.S.	Date
~~~~~~~~~~~~~~~~~	ACKNOWLEI	DGMENT
State of <u>Massachusetts</u> County of <u>Middlesex</u>	} ss: }	
me to be the same person	described in and w	we personally appeared before me, known by ho executed the foregoing instrument, and his/her own free will and for the purposes set
		Notary Public
Matthew J. Whitters	L.S.	Date
	ACKNOWLE	DGMENT
known by me to be the same	person described in	J. Whitters personally appeared before me, and who executed the foregoing instrument, of his/her own free will and for the purposes
set forth.	c executed the sume,	of monet own feet was alle for the purpose.
		Notary Public
~~~~~~~~~~~~~~~~		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Kyri Dunussi	L.S.	Date
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ACKNOWLE	DGMENT
State of Massachusetts	} ss:	
County of Middlesex	}}	
me to be the same person desc	cribed in and v	issi personally appeared before me, known by who executed the foregoing instrument, and his/her own free will and for the purposes set
		Notary Public
Mary Collins	L.S.	Date
	ACKNOWLE	DGMENT
State of Massachusetts County of Middlesex	} } }	
me to be the same person deso	cribed in and v	ins personally appeared before me, known by who executed the foregoing instrument, and his/her own free will and for the purposes set
		Notary Public
~~~~~~~~~	~~~~~~~~	

Margery Ma	L.S.	Date
	ACKNOWLE	EDGMENT
State of Massachusetts  County of Middlesex  On the day of December 200	} ss: }	Ma personally appeared before ma known by
me to be the same person descri	bed in and	Ma personally appeared before me, known by who executed the foregoing instrument, and his/her own free will and for the purposes set
		Notary Public
Deborah A. Young	L.S.	Date
<u>.</u>	ACKNOWLE	EDGMENT
State of Massachusetts  County of Middlesex	} ss: }	
known by me to be the same perso	on described i	th A. Young personally appeared before me, in and who executed the foregoing instrument, e, of his/her own free will and for the purposes
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Notary Public

Patent

JoAnn S. Witek	L.S.	Date
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ACKNOWLE	EDGMENT
State of Massachusetts  County of Middlesex	} ss: }	
On the day of December me to be the same person d	lescribed in and v	Vitek personally appeared before me, known by who executed the foregoing instrument, and his/her own free will and for the purposes set
	_	Notary Public
Glenn Larsen	L.S.	Date
~~~~~~~~~~~	ACKNOWLE	EDGMENT
State of Massachusetts County of Middlesex	} ss: }	
me to be the same person of	described in and	who executed the foregoing instrument, and f his/her own free will and for the purposes set
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		Notary Public

Page 8 of 10

Patent

Marion T. Kasaian	L.S.	Date
<u>A</u> (	CKNOWL	EDGMENT
State of Massachusetts  County of Middlesex	} ss: }	
by me to be the same person descri	bed in an	Kasaian personally appeared before me, known d who executed the foregoing instrument, and of his/her own free will and for the purposes set
		Notary Public
Debra D. Donaldson	L.S.	Date
<u>A</u> (	~~~~~ CKNOWL	<u>EDGMENT</u>
known by me to be the same person	described	D. Donaldson personally appeared before me, in and who executed the foregoing instrument, ne, of his/her own free will and for the purposes
	•	Notary Public
	~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

Patent
2-26-02
e
<u>ENT</u>
ersonally appeared before me, known by secuted the foregoing instrument, and own free will and for the purposes set Notary Public

S:\LACOMMON\PATENTS\AMEND\5320\P3\Assignment of Invention.doc

RECORDED: 01/15/2003

Page 10 of 10

Assignment of Invention

PATENT REEL: 013666 FRAME: 0106