FORM PTO-1595 (Rev. 6-93)



02-11-2004 102668377

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.: 044574-5098-01 To the Commissioner for Patents: ATTN: MAIL STOP ASSIGNMENT Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): (1.) Dario C. ALTIERI (2.) Robert M. WEISS Name: Yale University (3.) Shannon D. SMITH (deceased) Victor A. MORRIS, Executor (signed on behalf of Shannon Smith) (4.) Marcia A. WHEELER Internal Address: (5.) Janet PLESCIA Additional name(s) of conveying party(ies) attached? Yes X No Street Address: Two Whitney Avenue, 3. Nature of conveyance: City: New Haven _ Merger State: Connecticut Zip: 06511 X Assignment Security Agreement __ Change of Name Additional name(s) & address(es) attached? Other X No Yes Execution Date: (1.) November 18, 2003, (2.) November 20, 2003, (3.) January 26, 2004, (4.) November 20, 2003, (5.) November 17, 2003 4. Application number(s) or patent number(s): 10/463,867 If this document is being filed together with a new application the execution date of the application is: A. Patent Application No.(s): B. Patent No.(s) Additional numbers attached: __Yes Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 5. concerning document should be mailed: 7. Total fee (37 C.F.R §3.41): \$40.00 Enclosed Michael S. Tuscan Name: Authorized to be charged to deposit account 50-0310 **Internal Address:** Morgan, Lewis & Bockius LLP 8. Deposit account number: 50-0310 **Street Address:** Attach duplicate of page if paying by deposit account 1111 Pennsylvania Avenue, NW City: Washington State: D.C. **Zip:** 20004 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. Sally P. Teng-Reg. No. 45,397 February 3, 2004 Name of Person Signing Total number of pages including cover sheet, attachments and documents: 5 LMUELLER 00000179 500310 10463867

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PATENT

REEL: 014956 FRAME: 0333

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DETECTION OF SURVIVIN IN THE BIOLOGICAL FLUIDS OF CANCER PATIENTS

for which I/WE executed an application for United States Letters Patent concurrently herewith; or filed an application of United States Letters Patent on <u>June 18, 2003</u>, (Application No. <u>10/463,867</u>); and

WHEREAS <u>YALE UNIVERSITY</u>, a corporation of <u>Connecticut</u>, whose post office address is <u>Two Whitney Avenue</u>, <u>New Haven</u>, <u>CT 06511</u> (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application of United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent of this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/WE have the full right to convey the interest assigned by this Assignment, and I/WE have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to ME/US respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/WE have hereunto set our hand(s). County of <u>Worcester</u> Dario C. ALTIERI SS. Full Name of First Assignor Massachusetts State of: 20 Surrey Lane, Worcester, MA 01609 Address Subscribed and sworn to before me This 18th day of Nobember 2003 First Assignor's Signature November 18, 2003 Notary Public Date Names of additional inventors attached No

Morgan, Lewis & Bockius LLP

1-WA/2055110.1

PATENT REEL: 014956 FRAME: 0334

County of		Robert M. WEISS		
	SS.	Full Name of Second Assignor		
State of:	_	41 Old Orchard Road, North Haven, CT 06473		
·		Address		
Subscribed and sworn to before me				
This day of	, 2003	Second Assignor's Signature		
Note on Dublic		- D		
Notary Public		Date		
		Shannon D. SMITH (Deceased)		
County of		Executor: Victor A. Morris		
	SS.	Full Name of Third Assignor		
State of:		3320 Dronara Road, Guilford, CT 06437		
	_	Address		
Subscribed and sworn to before me	2002	TIL: 1 A.:		
This day of	, 2003	Third Assignor's Signature		
Notary Public		Date		
County of		Maraia A WUEELED		
County of	SS.	Marcia A. WHEELER		
See a Se		Full Name of Fourth Assignor		
State of:		41 Orchard Hill Road, Branford, CT 06405 Address		
		Addiess		
Subscribed and sworn to before me				
This day of	, 2003	Fourth Assignor's Signature		
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Notary Public		Date		
		240		
Alam Maria				
State of: Connecticut		Janet PLESCIA		
0 . 1-	SS.	Full Name of Fifth Assignor		
State of: Connecticut		72 Skyline Drive, Meriden, CT 06451		
		Address		
Subscribed and sworn to before me		M. M.		
This 17th day of Davember	, 2003	Fifth Assignor's Signature		
K 1 Xula		11/17/03		
/ WINDLY///				
Notary Public	C . d 11/1 11	Date		
Names of additional inventors attached Yes No My Commission Upires 02/28/2006				
My Commission Expired 02/28/2006				

Morgan, Lewis & Bockius LLP

County of New Haven	Robert M. WEISS	
SS.	Full Name of Second Assignor	
State of: Connecticut	41 Old Orchard Road, North Haven, CT 06473	
	Address	
Patricia F. DeFrancesco Notary Public	71 1010	
Subscribed and sworn to before the My Commission Eval	16 ber & Dans	_
Inis auth day of November reprusely 28, 2008	Second Assignor's Signature	
Patricia J. De Francisco	11/20/03	
Notary Public	Date	
	Shannon D. SMITH (Deceased)	
County of	Executor: Victor A. Morris	
SS.	Full Name of Third Assignor	
State of:	3320 Dronara Road, Guilford, CT 06437	
	Address	
Subscribed and sworn to before me		
This, 2003	Third Assignor's Signature	
Notary Public	Date	
	Date	
.)		
County of New Haven	Marcia A. WHEELER	
County of New Haven	Marcia A. WHEELER Full Name of Fourth Assignor	
County of New Haven State of: Connecticut	Full Name of Fourth Assignor	
State of: Connecticut Patricia F. DeFrancesco	· · · · · · · · · · · · · · · · · · ·	
Notary Public My Commission Expires	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address	
Subscribed and sworn to before me Fatricia F. Defrancesco Notary Public My Commission Expires February 28, 2008	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address Address	
Subscribed and sworn to before me This 20th day of November , 2003	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address	
Subscribed and sworn to before me This 20th day of November , 2003	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address Address Fourth Assignor's Signature	
Subscribed and sworn to before me Fatricia F. Defrancesco Notary Public My Commission Expires February 28, 2008	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address Address Fourth Assignor's Signature	-
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Subscribed and sworn to before me This 20th day of November	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address Address Fourth Assignor's Signature 11 / 20 / 0 3 Date Janet PLESCIA Full Name of Fifth Assignor	
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Subscribed and sworn to before me This 20th day of November	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address Fourth Assignor's Signature 11 / 20 / 0 3 Date Janet PLESCIA Full Name of Fifth Assignor 72 Skyline Drive, Meriden, CT 06451	
Subscribed and sworn to before me This 20th day of November	Full Name of Fourth Assignor 41 Orchard Hill Road, Branford, CT 06405 Address Address Fourth Assignor's Signature 11 120 0 3 Date Janet PLESCIA Full Name of Fifth Assignor 72 Skyline Drive, Meriden, CT 06451 Address	_
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ATTORNEY DOCKET NO.: 044574-5098-01-US SOLE/JOINT INVENTION (Worldwide Rights) Page 2 of 2

County of		Robert M. WEISS
	SS.	Full Name of Second Assignor
State of:		41 Old Orchard Road, North Haven, CT 06473
		Address
Subscribed and sworn to before me		
This day of	, 2003	Second Assignor's Signature
		• •
Notary Public		Date
		Shannon D. SMITH (Deceased)
County of Now Haven		Executor: Victor A. Morris
,	SS.	Full Name of Third Assignor
State of: Connecticut		3320 Dronara Road, Guilford, CT 06437
107,000		
		281 Peddlers Road, Guilford, CT 06437
Subscribed and sworn to before me	7004 VA	- Carlo Silver
This 26 day of January	, 220 03	Third Assignor's Signature
Laven Deracel		1/26/04
Notary Public		Date
County of		Marcia A. WHEELER
County 61	SS.	Full Name of Fourth Assignor
State of:		-
State Oi.	_	41 Orchard Hill Road, Branford, CT 06405 Address
		1147.000
Subscribed and sworn to before me		
This day of	, 2003	Fourth Assignor's Signature
Notary Public		Date
Court		N. 4 M
County of		Janet PLESCIA
	SS.	Full Name of Fifth Assignor
State of:		72 Skyline Drive, Meriden, CT 06451
		Address
Subscribed and sworn to before me		
This day of	, 2003	Fifth Assignor's Signature
Notary Public		Date
	of additional inv	entors attached Yes No

Morgan, Lewis & Bockius LLP

1-WA/2055110.1

RECORDED: 02/03/2004

PATENT REEL: 014956 FRAME: 0337