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SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PART	Y DATA	1			
Name				Execution Date	
Michael J. Welsh				08/17/2000	
Paola T. Drapkin				08/17/2000	
RECEIVING PARTY	DATA				
Name: The University of Iowa Research Foundation					
Street Address:	214 Technolog				
City:	lowa City				
State/Country:	IOWA				
Postal Code:	52242	52242			
Application Number: 11468		1146834	48		
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CORRESPONDENC	E DATA				
Fax Number:	(212)484-	-3990			
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.					
Phone: 212 484-3945 Email: Seide.Rochelle@Arentfox.com					
Correspondent Name: Rochelle K. Seide					
Address Line 1: Arent Fox					
Address Line 2: 1675 Broadway					
Address Line 4:	New York	<, NEW	' YORK 10019		
ATTORNEY DOCKET NUMBER:			027923.00008		
NAME OF SUBMITTER:			Rochelle K. Seide		
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PATENT

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ASSIGNMENT

WHEREAS, WE, MICHAEL J. WELSH, a citizen of United States, County of Washington, State of Iowa, whose post office address is 3460 560th Street, Riverside, Iowa 52327, and PAOLA T. DRAPKIN, a citizen of Isreal, whose post office address is 1421 Pine Street, Iowa City, Iowa 52240, have made an invention entitled "TARGETING VECTOR TO THE UROKINASE PLASMINOGEN ACTIVATOR RECEPTOR " as set forth and described in application for Letters Patent of the United States Serial No. 09/599,846, filed June 22, 2000; and

WHEREAS, The University of Iowa Research Foundation, a corporation organized and existing under the laws of the State of Iowa, and having an office for the transaction of business at 214 Technology Innovation Center, Iowa City, Iowa 52242, is desirous of acquiring the entire right, title and interest in and to said invention and any improvements thereon, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the said MICHAEL J. WELSH and PAOLA T. DRAPKIN, for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to me in hand paid by said The University of Iowa Research Foundation, and other valuable considerations unto us moving from said The University of Iowa Research Foundation, at or before the ensealing and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said The University of Iowa Research Foundation, its successors and assigns, the entire right, title and interest in and to the said invention entitled "TARGETING VECTOR TO THE UROKINASE PLASMINOGEN ACTIVATOR RECEPTOR" as set forth and described in application for Letters Patent of the United States Serial No. 09/599,846, filed June 22, 2000, and any and all improvements thereon, and in and to said application and any division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention or improvements, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said MICHAEL J. WELSH and PAOLA T. DRAPKIN, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said

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Letters Patent of the United States to said The University of Iowa Research Foundation, as the assignee of the entire right, title and interest in and to the same, for the sole use and behoof of said The University of Iowa Research Foundation, its successors and assigns;

AND WE, the said MICHAEL J. WELSH and PAOLA T. DRAPKIN, for the considerations aforesaid, do hereby covenant and agree to and with said The University of Iowa Research Foundation, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that I, my executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said The University of Iowa Research Foundation, its successors and assigns, may be required or necessary to more effectively secure to and vest in said The University of Iowa Research Foundations, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention or improvements.

IN WITNESS WHEREOF, I, the said MICHAEL J. WELSH, have hereunto set my hand and seal on the date below written.

Michael J. Welsh by himself and on behalf of the Howard Hughes Medical Institute

STATE OF Iowa) : ss.: COUNTY OF Johnson)

BE IT KNOWN, that on this $17^{"}$ day of <u>August</u>, 2000, before me personally came Michael J. Welsh, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

Thue

Notary Public

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IN WITNESS WHEREOF, I, the said PAOLA T. DRAPKIN, have hereunto set my hand and seal on the date below written.

Paola T. Drapkin

STATE OF Journer) COUNTY OF Johnson)

BE IT KNOWN, that on this 17^{4} day of <u>August</u>, 2000, before me personally came Paola T. Drapkin, to me known and known to me to be the person mentioned in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed for the use and purposes therein mentioned.

Muse Marhew Notary Public

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RECORDED: 08/30/2006