05-16-2003

Atty Docket No.:

FORM PTO-1595

22030



102450304



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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Maryellen L. GIGER, Zhimin HUO and Carl J. VYBORNY University of Chicago Address: 5841 South Maryland Avenue, MC 2026, Chicago, IL. 60637 Additional name(s) of conveying party(ies) attached? \(\subseteq \) Yes \(\subseteq \) No 5-13.03 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: March 10, 11 and 11, 2003 Additional name(s) and address(es) attached?

Yes No 4. 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: B. Patent No.(s) A. Patent Application No.(s) 10/360,814 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account) Fax. (703) 413-2220 DO NOT USE THIS SPACE 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. Eckhard H. Kuesters Name of Person Signing Registration Number: 28,870 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office **Mail Stop Assignment Recordation Services** 00000092 10360814 Alexandria, Virginia. 22313 40.00 OF 01 FC:8021

> PATENT REEL: 014063 FRAME: 0577

Assignment of Application

AMES	WHEREAS, I (WE)	Maryellen L. GIGER	
AMES IDENCE OF INTORS:	, , ,	of Elmhurst, IL.	
		Zhimin Huo	
		of Chicago, IL.	
		Carl J. VYBORNY	
		of Riverside, IL.	
		, resp	ectively,
	have invented certain	new and useful improvements in: METHOD AND SYSTEM FOR RISK-MODULATED	
TLE TION:	DIAGNOSIS OF DISEASE		
	DIAGNOSIS OF DISI	LAGE	
	for which on application	on for Letters Patent was executed on	
ATE IN- SIGNED TION:			
	(Application No.	10/360,814 , filed February 10, 2003	_), and
AME RESS OF OR SIGNEE	WHEREAS,	University of Chicago	
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 5841 South Maryland Avenue, MC 2026,		
	Chicago, IL. 60637		

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of mutual promises, the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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PATENT REEL: 014063 FRAME: 0578 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 3-10-03	(Signature of Inventor) Maryellen L. GIGER
5 1 11 / 57	(Signature of Inventor) Maryellen L. GIGER
Date: 3/11/03	(Signature of Inventor) Zhimin Huo
Date: 2 3 - 11 - 63	(Signature of Inventor) Carl J. VYBORNY
Date:	(Signature of Inventor)
Date:	(Signature of inventor)
	(Signature of Inventor)
Date:	
	(Signature of Inventor)
Date:	(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

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01/02

PATENT REEL: 014063 FRAME: 0579

RECORDED: 05/13/2003