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Recordation Form Cover Sheet

	1. N Govi Iorda Hale	ments. Tame of conveying party(ies): Ind Rao Ind V. Kostov Ind Rao Ind V. Kostov Ind Rao Ind Rao Ind V. Kostov Ind Rao Ind Rao	2. Name and address of receiving party(ies): Name: <u>University of Maryland</u> <u>Baltimore County</u> Address: 1000 Hilltop Circle Baltimore, MD 21250	
		Additional names of conveying party X_NOYES	(ies) attached?	
	3.	Nature of Conveyance: X Assignment_Merger _Security Agreement _Change of Name _OTHER	Additional names & addresses attached? X NO YES August 7, 2003 Aber(s): 10/609,720	
		Execution Date(s): August 5, 2003 &	August 7, 2003 aber(s): 10/609,720	
	4. Application number(s) or patent number Additional numbers attached? X NO		O1E3	
	5.	Name and address of party to whom document should be mailed: Name: Dr. Benjamin Adler ADLER & ASSOCIATES	correspondence concerning Address: 8011 Candle Ln. Houston, Texas 77071	
	6.	Total number of applications and pate	ents involved: 1	
	7. accou	Total Fee (37 CFR 3.41): \$40. nt	enclosed \underline{X} authorized to charge deposit	
	8.	Deposit Account number: 07-1185 (duplicate copy attached if paying by deposit account)	
	9.	Statement and signature. To the best of my knowleds	re and belief, the foregoing information is true and	
_	corre	ct and any attached copy is a true copy	of the original document.	
		e of person signing	Signature Date Total number of pages comprising cover sheet: 1	
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PATENT

REEL: 014413 FRAME: 0654

ASSIGNMENT

WHEREAS, we Govind Rao, of 10401 Northdale Road, Columbia, MD 21044, Iordan V. Kostov, of 36 Colony Hill Ct., Apt. 3B, Baltimore, MD 21227, Haley R. Kermis, of 1000 Hilltop Circle, Baltimore, MD 21250, Peter Harms, of 3205 L Wheaton Way, Ellicott City, MD 21043 (hereinafter collectively called "ASSIGNOR"), are coinventors and owners of certain new and useful improvements in Ratiometric Fluorescent pH Sensor For Non-Invasive Monitoring an application for United States Letters Patent as filed June 30, 2003 as United States Serial No. 10/609,720.

WHEREAS, University of Maryland at Baltimore County, of 1000 Hilltop Circle, Baltimore, MD 21250, (hereinafter called "ASSIGNEE", is desirous of acquiring and ASSIGNOR are desirous of assigning to ASSIGNEE all right, title and interest in and to said invention and application identified above.

NOW, THEREFORE, ASSIGNOR, for and in consideration of Ten Dollars (\$10.00) to us in hand paid, and for other good and valuable consideration, the receipt of all of which is hereby acknowledged, hereby sell, assign and convey upon ASSIGNEE and its successors and assigns the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, this assignment including application, any and all United States and foreign patents, utility models, design registrations granted for any of said inventions improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

> PATENT REEL: 014413 FRAME: 0655

And I do further covenant and agree that I will, at any time upon request, communicate to the Assignee, its successors, assigns or other legal representative, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested, without further compensation but at the expense of said Assignee, its successors or other legal representatives.

DATE: 8 5 03 Govind Rao
STATE OF MD:
COUNTY OF HOWARD:
Before me this day of, 2003, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.
Notary Public
My Commission Expires: DATE: 8/5/03 Iordan V. Kostov STATE OF Maryland: COUNTY OF Brillimore:
STATE OF Maryland:
COUNTY OF Brillimore.
Before me this day of, 2003, personally appeared known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Notary Public

My Commission Expires:

PATENT

REEL: 014413 FRAME: 0656

DATE: 8-7-2003	Haley R. Kermis
	Haley K. Kermis
STATE OF Maryland: COUNTY OF Anne Arundel	<u>.:</u>
appearedwhose name is subscribed to	day of, 2003, personally known to me to be the person the foregoing Assignment and acknowledged as his free act and deed for the purposes
DATE: &-S- 2003	Peter Harms
STATE OF Maryland:	
COUNTY OF Howard	_:
appearedwhose name is subscribed to	day of, 2003, personally known to me to be the person the foregoing Assignment and acknowledged as his free act and deed for the purposes
Notary	Public
My C	ommission Expires:

RECORDED: 08/22/2003

PATENT REEL: 014413 FRAME: 0657