To the Director whe U.S.		07-26-200		Pate Atto Atto	ent and Trade orney Docket I orney Custom	of Commerce mark Office No. 08842.0013-00 er Number: 22,852 ecordation Services
Please record the attached	designal docum	103047792	)			
<ol> <li>Name of conveying Qingguo Xie</li> </ol>	parties:		2.	rvante and addre	ess of receiving	party(ies):
Chien-Min Kao Zekai Hsiau Chin-Tu Chen			Name:	National Hea	lth Research Ir	nstitutes
Additional name(s) of conve	eying party(ies) attached	? 🗌 Yes 🖾 No	Internal	Address:		
3. Nature of conveyar	nce:		Street A	Address: No.	35, Keyan Rd.	, Jhunan Township,
⊠ Assignment	☐ Merger		City:	Miaoli County 35	50, Taiwan	
Security Agreement	☐ Change of Na	ame	State:	R.O.C.	Zip Code:	[Text]
Other: [Desc	cribe]		Addition	nal name(s) & Add	lress(es) attach	ned?
Execution Date: June 17 22, 200	7, 2005, June 20, 2005, v 5	June 15, 2005, June	Addition	Yes	⊠ No	icu:
4. Application number the application:	r(s) or patent number(s):	If this document is be	ing filed t	ogether with a nev	w application, t	he execution date of
A. Patent Application Number: 11/097,121		В.	Patent Number(	s):		
	Additional nu	mbers attached?	│ □ Yes	⊠ No		
Name and address of party to whom correspondence concerning document should be mailed:		6.	Total number of involved: 1	applications ar	nd registrations	
Name: Richard V. Burguj	jian, Esq.		7.	Total fee (37 CF	R 1.21(h) and	3.41): \$40
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.			Enclosed (F account 06-		deficiency to deposit	
Street Address: 901 New York Avenue, N.W.			Authorized	to be charged	to deposit account	
City: Washington	n, D.C.					
State:	Zip: 200	001-4413	8.	Deposit Account	No.: <u>06-0916</u>	
9. Statement and sign	nature.					
To the best of my knowledge document.	e and belief, the foregoir	ng information is true a	nd correc	ct and any attache	d copy is a true	e copy of the original

Total number of pages including cover sheet, attachments and documents: 7

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#### ASSIGNMENT

WHEREAS, We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

## A DEVICE AND METHOD FOR DIGITIZING GAMMA RAY ENERGY AND CHARACTERIZING PEAK TIME AND DECAY TIME CONSTANT WITHOUT THE USE OF ADC

for which We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on April 4, 2005 (Application No. 11/097,121); and

WHEREAS, National Health Research Institutes, a corporation of Taiwan (R.O.C.) whose post office address is No. 35, Keyan Rd., Jhunan Township, Miaoli County 350, Taiwan (R.O.C.) (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 United States Provisional Application No. 60/558,709, filed April 2, 2004, and this application for United States Letters Patent on this invention, and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, provisional Application No. 60/558,709, filed April 2, 2004, 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 the above provisional application, as well as all rights to claim priority on the basis of this application, 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 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 for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

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

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to 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, We have hereunto set our hands.

County of)		Name: Address:	Qingguo Xie G6-1602, Luoyu Road 1037, Huazhong
			University of Science and Technology
)			Wuhan, China 430074
State of)		By:	(Krygus Xie
		Date:	June 17, 205
Subscribed and sworn to before me the	his day	of June	_, 20 <u>05</u>
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Page 1 of 2

County of	)	wame.	Chien-iviin Kao
	ss.	Address:	5841 S. Maryland Avenue MC-2026
	)		Chicago, IL 60637
State of	)	By:	
		Date:	
Subscribed and sworn to before me	this da	ay of	_, 20
, Nota	ary Public		
County of	)	Name:	Zekai Hsiau
	ss.	Address:	F9, No. 96, Sec 2, Chung-Cheng Rd.
	)		Tien-Mu, Taipei, Taiwan 111, R.O.C.
State of	)	By:	
		Date:	
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Subscribed and sworn to before me	this da	y of	_, 20
, Nota	ary Public		
County of	)	Name:	Chin-Tu Chen
	ss.	Address:	5841 S. Maryland Avenue MC-2026
	)		Chicago, IL 60637
State of	)	By:	
		Date:	
Subscribed and sworn to before me	this da	ay of	_, 20
, Nota	ary Public		

Page 2 of 2

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IN TESTIMONY WHEREOF, We have hereunto set our hands.

unty of	) ) ss.	Name: Address:	Qingguo Xie G6-1602, Luoyu Road 1037, Huazhong University of Science and Technology
te of	)	By: Date:	Wuhan, China 430074
oscribed and sworn to before me	thisday	of	_, 20

ge 1 of 2

County of	}		Name:	Chien-iviin Kao
	ss.		Address:	5841 S. Maryland Avenue MC-2026
-	Ś			Chicago, IL 60637
State of	Ś		By:	
State of	,		Date:	
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Subscribed and sworn to before me	this	dav	of	. 20
. Not	ary Public	,		<del></del>
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County of laipei				7 desilitation
County of LATPET	)			Zekai Hsiau
•	) ss.		Address:	F9, No. 96, Sec 2, Chung-Cheng Rd.
State of Taiwan	)			Tien-Mu, Taipei, Taiwan 111, R.O.C.
State of LG WGF1	)	÷	By:	20/2 /2
			Date:	2005.06.15
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Subscribed and sworn to before me	this 15	_ day	of <u>341.</u>	_, 20 <u><i>U</i>}</u>
1 /- ( Not	ary Public			
County of	)		Name:	Chin-Tu Chen
County of	, Ss.			5841 S. Maryland Avenue MC-2026
	)			Chicago, IL 60637
State of	<b>,</b>		Ву:	
State of	,		Date:	
			Dato.	
Subscribed and sworn to before me	this	day	of	, 20
Subscribed and sworn to before the	ary Public	_ uay	·	
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JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08842.0013-00000

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State of	)	By: Date:	Wuhan, China 430074
Subscribed and sworn to before me	thisday tary Public	of	_, 20

Page 1 of 2

# Official Seal Daphne D Gavins Notary Public State of Minols My Commission Expires 01/07/07

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JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08842.0013-00000

State of IIINOIS  Subscribed and sworn to before me this	ss. 22nd	Name: Chien-Min Kao Address: 5841 S. Maryland Avenue MC-2026 Chicago, IL 60637  By: Date: 727
Dapline Gravis, Notary Pul	DIIC	
County of ) ) State of )	SS.	Name: Zekai Hsiau  Address: F9, No. 96, Sec 2, Chung-Cheng Rd. Tien-Mu, Taipei, Taiwan 111, R.O.C.  By: Date:
Subscribed and sworn to before me this, Notary Pul		
County of LOOK	SS.	
State of Illinois )		By: Date: Chicago, IL 60637
Subscribed and sworn to before me this a work by and property. Notary Pu	AAAA da blic	y of JUNE, 2005

Official Seal
Daphne D Gavins
Notary Public State of Minols
My Commission Expires 01/07/07

Page 2 of 2