ICE

001 19 2001 E 10188 PATEN	33858 ET		
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Name of conveying party(ies):	2. Name and address of receiving party(ies):		
Jerry L. PRINCE, 2 October 2001 Nael F. OSMAN, 3 October 2001	Johns Hopkins University 3400 North Charles Street Baltimore, Maryland 21218 USA		
Additional name(s) of conveying party(ies) attached? Yes No X			
3. Nature of conveyance:			
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Execution Date: Same as above	Additional name(s) & address(es) attached? Yes No X_		
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:			
A. Patent Application No. B. Patent No.(s)			
09/777,585 filed 6 February 2001			
Additional numbers attached? Yes No X			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:1_		
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$40 .00		
Name: Don J. Pelto, Esq.	X Enclosed – Any deficiency or overpayment		
Address: McKenna & Cuneo, LLP 1900 K Street, NW	should be debited or credited to Deposit Account Authorized to be charged to Deposit Account		
Washington, DC 20006	(Two copies of this paper are attached.)		
	8. Deposit Account No.: 50-1067.		
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. Don J. Pelto, Reg. No. 33,754 19 October 2001			
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Name of Person Signing Signature	Date		
Total number	of pages including cover sheet, attachments and document: _3_		
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Mail Documents to be recorded with required coversheet information to: Commissioner of Patents and Trademarks, Box Assignment, Washington, D.C. 20231

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Johns Hopkins University 3400 North Charles Street Baltimore, MD 21218 USA

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the invention relating to

METHOD FOR HARMONIC PHASE MAGNETIC RESONANCE IMAGING

	executed concurrently herewith,
	executed on,
X	Serial No. 09/777,585, filed 6 February 2001

as set forth in his United States Patent Application

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

> PATENT REEL: 012266 FRAME: 0139

The undersigned hereby grant to the firm of McKenna & Cuneo, L.L.P., 1900 K Street NW, Washington, DC 20006, the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAME AND SIGNATURE OF INVENTORS				
Name: Jerry L. PRINCE	Signature: Jun Juli	Date: /0/2/01		
NAMES AND SIGNATURES OF WITNESSES				
Name:	Signature:	Date:		
Name:	Signature:	Date:		
NAME AND SIGNATURE OF INVENTORS				
Name: Nael F. OSMAN	Signature: CSULL	Date: 10-3-0		
NAMES AND SIGNATURES OF WITNESSES				
Name:	Signature:	Date:		
Name	Signature:	Date:		

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul. IPT-407:4/90(1)(modified)

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RECORDED: 10/19/2001