#### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Nael F. Osman	09/09/2010
Michael A. Jacobs	07/23/2010
Ahmed El Harouni	07/23/2010
Jakir Hossain	07/23/2010

#### RECEIVING PARTY DATA

Name:	The Johns Hopkins University
Street Address:	3400 N. Charles Street
City:	Baltimore
State/Country:	MARYLAND
Postal Code:	21218

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12772176

#### **CORRESPONDENCE DATA**

Fax Number: (617)227-4420

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 617.517.5556

Email: wdaley@eapdlaw.com
Correspondent Name: William J. Daley, Jr.
Address Line 1: P.O. Box 55874

Address Line 4: Boston, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER: 86258(71699)

NAME OF SUBMITTER: William J. Daley

Total Attachments: 14

501297184

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PATENT REEL: 025021 FRAME: 0902 340.00 1277217



#### **ASSIGNMENT BY INVENTORS**

TI	HIS ASSIGNMENT, made this	day of	, 2010, by
Nael F. Osm	nan; Michael A. Jacobs; Ahmed El Haro	uni; and Jakir Hossa	ain (hereinafter
referred to a	s Assignors), residing at 1801 Rambling	g Ridge Lane, #301,	Baltimore,
Maryland 2	1209; 40 English Run Turn, Sparks, Ma	ryland 21152; 3501	St. Paul St.,
Apt. 735, Ba	ıltimore, Maryland 21218; and 3811 Ca	nterbury Rd. Apt. L2	2, Baltimore,
Maryland 2	1218, respectively;		

WHEREAS, Assignors have invented certain new and useful improvements in COMPRESSION DEVICE FOR ENHANCING NORMAL/ABNORMAL TISSUE CONTRAST IN MRI INCLUDING DEVICES AND METHODS RELATED THERETO, set forth in a Patent application for Letters Patent of the United States, already filed on May 1, 2010 as U.S. Application No. 12/772,176; and

WHEREAS, The Johns Hopkins University, a University organized under and pursuant to the laws of Maryland having its principal place of business at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of

its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

2

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification 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:

### EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 49383

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

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	Nael F. Osman
Date:	
	WITNESSES:
Date:	
Date:	

	Muleueljowh
	/ Michael A. ∮acobs
Date: July	
United States of Ame State of	erica ) ) ss.:
County of	)
On this	day of, before me
personally came	Michael A. Jacobs , to me known to be the individual
described in and who of the same.	executed the foregoing instrument, and acknowledged execution
	Notary Public

Thmod El Haravni Ahmed El Harouni

Date: <u>07/23/</u>	2010			
United States of Ame	rica )	ı		
State of	Mary (end)	SS.:		
County of	Bultimore (ity)	ı		
On this	day of July Ahmed El Harou	yni to mo	<i>o l O</i> , bet known to be t	fore me
described in and who	executed the foregoin	ng instrument, an	d acknowledge	ed execution
of the same.		,		_
		Notary Public	MB	, od

DIANN M. BRASWELL

NOTARY PUBLIC

BALTIMORE CITY

MARYLAND

MY COMMISSION EXPIRES APR. 26, 2014

DIANN M. BRASWELL

NOTARY PUBLIC

BALTIMORE CITY

MARYLAND

MY COMMISSION EXPIRES APR. 26, 2014

#### **ASSIGNMENT BY INVENTORS**

THIS ASSIGNMENT, made this	day of	, 2010, by
Nael F. Osman; Michael A. Jacobs; Ahmed El I	∃arouni; and Jak	ir Hossain (hereinafter
referred to as Assignors), residing at 1801 Ram	ıbling Ridge Lane	e, #301, Baltimore,
Maryland 21209; 40 English Run Turn, Sparks	, Maryland 2115	2; 3501 St. Paul St.,
Apt. 735, Baltimore, Maryland 21218; and 381	1 Canterbury Rd.	Apt. L2, Baltimore,
Maryland 21218, respectively;		

WHEREAS, Assignors have invented certain new and useful improvements in COMPRESSION DEVICE FOR ENHANCING NORMAL/ABNORMAL TISSUE CONTRAST IN MRI INCLUDING DEVICES AND METHODS RELATED THERETO, set forth in a Patent application for Letters Patent of the United States, already filed on May 1, 2010 as U.S. Application No. 12/772,176; and

WHEREAS, The Johns Hopkins University, a University organized under and pursuant to the laws of Maryland having its principal place of business at 3400 N. Charles Street, Baltimore, Maryland 21218 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of

its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification 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:

## **EDWARDS ANGELL PALMER & DODGE LLP**

All practitioners at Customer Number 49383

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

WITNESSES:

**PATENT** 

REEL: 025021 FRAME: 0914

			Michael A. Jaco	bs
Date:				
United States of Ar	merica )			
State of	) s	s.:		
County of				
On this	day of	,	, be	fore me
personally came	Michael A. Jacobs		, to me known to be t	the individual
described in and w	ho executed the foregoing	j instru		
of the same.			•	
		Notar	ry Public	

		Ahmed El Harouni
Date:		
United States of Ar	merica )	
State of	, ) ss	s.:
County of	)	
On this	day of	, before me
personally came	Ahmed El Harouni	, to me known to be the individual
described in and w	ho executed the foregoing	instrument, and acknowledged execution
of the same.		-
		Notary Public

			lakirllaassin	
			Jakir Hossain	
Date:				
United States of Ar	merica	)		
State of		) ss.:		
County of				
On this	day of	,	, before me	
personally came	Jakir Ho	ssain	, to me known to be the individua	.l
described in and w	ho executed the fo	oregoing instrur	nent, and acknowledged execution	n
of the same.				
		Notar\	/ Public	

**RECORDED: 09/21/2010**