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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	ΑΤΑ				
Name			Execution Date		
JOHN R. PEPPER			04/17/2012		
DANIEL K. FARLEY			04/27/2012		
CHRISTOPHER T. MA	RTIN		04/24/2012		
STEPHANIE ZALUCHA	١		04/13/2012		
MIGUELANGELO J. PE	REZ-CR	UET	04/30/2012		
RECEIVING PARTY D	ΑΤΑ				
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Internal Address:	#206				
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State/Country:	NEW I	NEW HAMPSHIRE			
Postal Code:	03079				
PROPERTY NUMBERS	S Total: '				
Property Type		Number			
Application Number:		13614393			
CORRESPONDENCE	DATA	(312)775-8100			
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			JEFFREY B. HUTER		
NAME OF SUBMITTER		JEFFREY B. HUTER			
NAME OF SUBMITTER: SIGNATURE:		JEFFREY B. HUTER /Jeffrey B. Huter/			

Total Attachments: 7	
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A S S I G N M E N T (Joint Inventors)

We are the joint inventors whose names and residences are listed below:

- 1. **John R. Pepper**, a resident of the city of Cheshire, in the County of New Haven, State of Connecticut, and Country of U.S.A.;
- 2. **Daniel K. Farley**, a resident of the city of Traverse City, in the County of Grand Traverse, State of Michigan, and Country of U.S.A;
- 3. Christopher T. Martin, a resident of the city of Empire, in the County of Leelanau, State of Michigan, and Country of U.S.A.;
- 4. **Stephanie Zalucha**, a resident of the city of Williamsburg, in the County of Grand Traverse, State of Michigan, and Country of U.S.A.; and
- 5. **Miguelangelo J. Perez-Cruet**, resident of the city of Bloomfield Hills, in the County of Oakland, State of Michigan, and Country of U.S.A.

We have jointly made an invention comprising certain new, useful, and nonobvious improvements in

METHODS AND SYSTEMS FOR INTERBODY IMPLANT AND BONE GRAFT DELIVERY

Said invention is described or intended to be described and set forth in the presently identified U.S. Application No.13/182,947, filed July 14, 2011, and as our Docket No. 23079US02.

Thompson MIS., a corporation organized and existing under and by virtue of the laws of the State of Michigan having a place of business at 45 Stiles Road, Suite 210, Salem, New Hampshire 03079, U.S.A. (hereinafter: "said assignee") desires to acquire the entire right, title, and interest in and to said invention, said application, and any Letters Patent which may be granted for said invention, said application, and all divisions, continuations, continuations in part, reissues, reexamination certificates, and extensions thereof.

We warrant and represent that we conceived said invention ourselves, that no one other than us is a joint inventor of said invention, and that neither we nor any of us have assigned or agreed to assign any rights in said invention or said application to anyone other than said assignee or a predecessor in interest to said assignee.

> PATENT REEL: 039870 FRAME: 0163

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NOW, THEREFORE, in consideration of one dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to said assignee, its successors and assigns, the entire worldwide right, title, and interest in and to said invention, said application, and any Letters Patent which may be granted for said invention, said application, and any and all divisions, continuations, continuations-in-part, reissues, reexamination certificates, substitutes, and extensions of said application (each of which is included herein as a part of "said application"), including but not limited to all our United States and other national rights to said invention and said application and all our rights under the Paris Convention for the Protection of Industrial Property and all other applicable treaties or laws in respect to said invention and said application.

We hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any Letters Patent which may be granted for said invention or upon said application unto said assignee, its successors and assigns, in accordance with this assignment.

We hereby authorize said assignee to apply for patents on said invention in foreign countries, claiming the filing date of said application under the provisions of the Paris Convention for the Protection of Industrial Property and all other applicable treatise and laws, and we further agree to execute any and all documents that may be required or desired by said assignee in order that said assignee may apply for Letters Patent on said invention in foreign countries in our or its name.

We hereby agree to promptly communicate to said assignee or its representatives any facts known to us respecting said invention or said application; to testify in any legal proceeding relating thereto; to sign all lawful papers, including but not limited to all divisional, continuing, continuing-in-part, reissue, substitute, and extension applications, all rightful oaths or declarations, and documents confirming or substituting for this assignment.

Inventor's signature:	
/John R. Pepper	
Witnessed by: Anne Jenne	
() Signature	
Juzanne repper	
Printed Name of Witness	

Date: April 17, 2012

Date: APRIL 17, 2012

Date: APRIL 17, 2012

Witnessed by:

Signature

Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Inventor's signature:Jo	Date:	
State of	SS:	
County of		
This day of	, 20, before me personally came the	above named
who executed the foregoing ass of his/her own free will for the	to me personally known as the ignment, who acknowledged to me that he/she exect purposes therein set forth.	

Seal

(Notary Public)

Inventor's signature: Daniel K. Farley	Date:
Witnessed by: Signature	Date:
Printed Name of Witness	
Witnessed by: Signature	Date:
Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING	IN PRESENCE OF A NOTARY
Inventor's signature: Daniel K. Farley	Date: <u>4/27/12</u>
State of <u>Michigan</u> SS:	
County of <u>Gr. Waverse</u>	
This 27^{H} day of \underline{April} , 2012, before r <u>Dan Farley</u> to me p who executed the foregoing assignment, who acknowledged of his/her own free will for the purposes therein set forth.	me personally came the above named personally known as the individual to me that he/she executed the same
Seal JENNIFER DIXON Notary Public - Michigan Grand Traverse County My Commission Expires May 28, 2017 Acting in the County of	yè, dijen

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Inventor's signature:Christopher T. Martin	Date: _	4/24/12
Witnessed by:Signature	Date: _	
Printed Name of Witness		
Witnessed by:Signature	Date: _	
Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING	IN PRESE	ENCE OF A NOTARY
Inventor's signature:Christopher T. Martin	Date: _	4/29/12
State of <u>Michigan</u> SS: County of <u>Gr. Traverse</u>		
This <u>24</u> day of <u>April</u> , 20 <u>12</u> , before n <u>Christophes Martin</u> to me purposes there in set forth.	ne persona ersonally k to me that	lly came the above named nown as the individual he/she executed the same
Seal (Notary Public)	le,	Dripa
JENNIFER DIXON Notary Public - Michigan Grand Traverse County My Commission Expires May 28, 2017 Acting in the County of Lectance		

.

	Inventor's signature: Stephanie Zalud	tha I	Date:	4/13/12
	Witnessed by:Signature]	Date:	
•	Printed Name of Witness			
	Witnessed by: Signature]	Date:	
	Printed Name of Witness			
	SECTION BELOW IS FOR USE ONL	Y IF SIGNING IN	PRES	ENCE OF A NOTARY
	Inventor's signature: Stephanic Zalud	cha J	Date:	A/13/12
	State of Michigan	_ SS:		
	County of <u>GY-Traverse</u>	_		
	This 13th day of April	, 20 <u>12</u> , before me j	person	ally came the above named
	This <u>13</u> th day of <u>April</u> <u>Stephanic Zalycha</u> who executed the foregoing assignment, wh of his/her own free will for the purposes the	rein set forth.		
	Seal	(Notary Public)	γ	Dijer
	JENNIFER DIXON Notary Public - Michigan Grand Traverse County My Commission Expires May 28, 2017 Acting in the County of <u>Leelanan</u>	(INOLARY F UDIIC)		

Inventor's signature Miguelangelø-J. Perez-Cruet

Date: ____

Date: ____ 30 12

Witnessed by: Signature

1 oloina

Printed Name of Witness

Witnessed by: _____ Signature

Marc Harris

Printed Name of Witness

Date: 4/30/12

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Inventor's signature. Miguelangelo J. Perez-Cruet

State of Michigan SS: County of Wayne acting in Oakland

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Date: ____

This 30th day of April _____, 20<u>12</u>, before me personally came the above named Miguelangelo Perez-Cruet ______ to me personally known as the individual

who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

Seal

Jennifer C. Hayes Onner Jotary Public)

PATENT

REEL: 039870 FRAME: 0169

RECORDED: 09/27/2016