PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Lawrence J. BONASSAR	05/24/2010
Roger HARTL	06/25/2010
Robert D. BOWLES	04/13/2011
Harry H. GEBHARD	07/14/2010

RECEIVING PARTY DATA

Name:	CORNELL UNIVERSITY	
Street Address:	395 Pine Tree Road, Suite 310	
Internal Address:	CCTEC	
City:	Ithaca	
State/Country:	NEW YORK	
Postal Code:	14850	

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US1033752

CORRESPONDENCE DATA

Fax Number: (585)270-2179

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

Phone: 585-270-2118

Email: patricia.knisley@leclairryan.com

Correspondent Name: LECLAIRRYAN, P.C.

Address Line 1: 290 Linden Oaks, Suite 310

Address Line 4: Rochester, NEW YORK 14625

ATTORNEY DOCKET NUMBER:	29543.0530
NAME OF SUBMITTER:	Patricia Knisley, Paralegal

Total Attachments: 5

PATENT REEL: 026225 FRAME: 0417

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ASSIGNMENT

WHEREAS, WE, Lawrence J. BONASSAR, a United States citizen, residing at 5 John Street, Ithaca, New York 14850; Roger HARTL, a citizen of Germany, residing at 1330 First Avenue, Apt. #1604, New York, New York 10021; Robert D. BOWLES, a United States citizen, residing at 504B Lower Creek Road, Ithaca, New York 14850; and Harry H. GEBHARD, a citizen of Germany, residing at 455 Main Street, Apt# 8F, New York, New York 10044, have invented certain new and useful improvements in COMPOSITE TISSUE-ENGINEERED INTERVERTEBRAL DISC WITH SELF-ASSEMBLED ANNULAR ALIGNMENT for which an application for Letters Patent in the United States was filed as U.S. Provisional Serial No. 61/175,680, filed May 5, 2009, for which a PCT International Application was filed as PCT No. PCT/US10/33752, filed May 5, 2010;

AND WHEREAS, CORNELL UNIVERSITY, with its principal place of business at Cornell Center for Technology, Enterprise & Commercialization ("CCTEC"), 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said CORNELL UNIVERSITY, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said CORNELL UNIVERSITY, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said CORNELL UNIVERSITY, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said CORNELL UNIVERSITY, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

(2990399 1 19603/6121 (CRF D-4724-02)

Lawrence J. Bonassar	May IN TESTIMONY WI	HEREOF, I hereunto set my hand and seal this 24th day of
Thisday of	, 20.0.	dan / laudin
This ## day of		Lawrence J. Bónassar
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of This day of, 20 before me personally came the above-named Robert D. Bowles IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of Roger Hart! IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of Roger Hart! TATE OF IN This day of, 20 before me personally came the above-named Roger Hart! to me personally known as the individual who executed the same of nis/her own free will for the purposes therein set forth. IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of Robert D. Bowles STATE OF SS: This day of, 20 before me personally came the above-named Robert D. Bowles to me personally known as the individual who executed the same his/her own free will for the purposes therein set forth. Notary Public Notary Public	TATE OF New York	
Notary Public Notary Public Commission expires on	bove-named Lawrence J. Bonassa ame of his/her own free will for the	r to me personally known as the individual who executed the purposes therein set forth,
Roger Hartl TATE OF COUNTY OF SS: This day of, 20 before me personally came the above-named Roger Hartl to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth. Notary Public Commission expires on IN TESTIMONY WHEREOF, I hereunto set my hand and seal this day of Robert D. Bowles STATE OF SS: This day of, 20 before me personally came the above-named Robert D. Bowles to me personally known as the individual who executed the same this/her own free will for the purposes therein set forth.	ROTARY PUBLIC-ST.	Notary Public Notary No
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		Notary Public
	Commission expire	

, 20	ercunto set my hand and seal this day of
	Lawrence J. Bonassar
COUNTY OF SS:	
This day of	, 20 before me personally came the nally known as the individual who executed the ein set forth.
	Notary Public Commission expires on
IN TESTIMONY WHEREOF, I he	Roger Warti
COUNTY OF Alenyar SS:	- ,
This 25 day of June bove-named Roger Hartl to me personally know	, 2010 before me personally came the mas the individual who executed the same of both.
VALERIE LESLIE FERNANDEZ Icitary Public - State of New York NO. 01FE6109863 Qualified in Kings County Commission Expires 5/20/2	Notary Public Commission expires on 6/20/2
IN TESTIMONY WHEREOF, I h	ereunto set my hand and seal this day of
	Robert D. Bowles
STATE OFSS:	
STATE OF SS: This day of above-named Robert D. Bowles to me personally his/her own free will for the purposes therein set f	, 20 before me personally came the known as the individual who executed the sam orth.
This day ofahove-named Robert D. Bowles to me personally	Notary Public

	Lawrence J. Bonassar
STATE OF	
COUNTY OF SS:	
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above-named Lawrence J. Bonassai	to me personally known as the individual who executed the
same of his/her own free will for the	purposes therein set forth.
	Notary Public
	Commission expires on
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	Røger Hartl
STATE OF	
COUNTY OF SS:	
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This day of above-named Roger Hartl to me pers	, 20 before me personally came the
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above-named Roger Hartl to me pers	sonally known as the individual who executed the same of
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above-named Roger Hartl to me pers	therein set forth. Notary Public
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above-named Roger Hartl to me pershis/her own free will for the purposes IN TESTIMONY WH	Notary Public Commission expires on
IN TESTIMONY WH	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of
is/her own free will for the purposes IN TESTIMONY WH	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of
above-named Roger Hartl to me pershis/her own free will for the purposes IN TESTIMONY WH	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of
IN TESTIMONY WH April 2011. STATE OF North Coolina COUNTY OF Duham SS:	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles
IN TESTIMONY WH April 2011. STATE OF North Coolina COUNTY OF Duham SS: This 13 day of A	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles
IN TESTIMONY WH April 2011. TATE OF North Cachina COUNTY OF Duham SS: This 13 day of A bove-named Robert D. Bowles to ma	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles personally known as the individual who executed the same of therein set forth.
IN TESTIMONY WH April 2011. STATE OF North Coolina COUNTY OF Duham SS: This 13 day of A bove-named Robert D. Bowles to me	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles personally known as the individual who executed the same of therein set forth.
IN TESTIMONY WH April 2011. STATE OF North Coolina COUNTY OF Duham SS: This 13 day of A bove-named Robert D. Bowles to me	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles pril . 20 11 before me personally came the personally known as the individual who executed the same therein set forth.
IN TESTIMONY WHApril . 2011. STATE OF North Coolina. COUNTY OF Duham SS: This 13 day of A bove-named Robert D. Bowles to me pershis/her own free will for the purposes	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles Pril . 2011 before me personally came the personally known as the individual who executed the same therein set forth.
IN TESTIMONY WH April 2011. STATE OF North Coolina COUNTY OF Duham SS: This 13 day of A bove-named Robert D. Bowles to me	Notary Public Commission expires on ERFOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles Pril , 20 11 before me personally came the personally known as the individual who executed the same therein set forth. Notary Public
IN TESTIMONY WHAPII TO ME pershis/her own free will for the purposes IN TESTIMONY WHAPII TO LIVE TO L	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles Personally known as the individual who executed the same therein set forth. Notary Public Robert D. Bowles
IN TESTIMONY WHApril 2011. STATE OF North Crotina COUNTY OF Duham SS: This 13 day of A bove-named Robert D. Bowles to me purposes of Commission expires or	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles Pr.1 , 2011 before me personally came the personally known as the individual who executed the same therein set forth. Notary Public 1 113 2013 Justin M. Turner
IN TESTIMONY WHApril 10 Me persons/her own free will for the purposes IN TESTIMONY WHApril 2011. STATE OF North Cooking COUNTY OF Duham SS: This 13 day of A bove-named Robert D. Bowles to me is/her own free will for the purposes to the country of the purposes of the country of the country of the purposes of the country of the	Notary Public Commission expires on EREOF, I hereunto set my hand and seal this 13 day of Robert D. Bowles Personally known as the individual who executed the same therein set forth. Notary Public Robert D. Bowles

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 14 day of Harry H. Gebhard
STATE OF New York SS:
This 14 day of, 20 @before me personally came the above-named Harry H. Gebhard to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.
Commission expires on 5/2012

VALENC LEGAL PERMANDEZ
Notary Public - State of New York
NO. 01F84109863
Gualified in Mings County
My Commission Expires 5/30/2

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