506548605 03/11/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert Tranquillo	05/02/2013
Zeeshan Syedain	05/02/2013
Lee Meier	05/02/2013

RECEIVING PARTY DATA

Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA
Street Address:	600 MCNAMARA ALUMNI CENTER
Internal Address:	200 OAK STREET SE
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55455-2020

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17139575

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (612) 335-5070

dragonetti@fr.com, apsi@fr.com Email:

M. A. PARSONS **Correspondent Name:**

FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	09531-0325004
NAME OF SUBMITTER:	JAKE DRAGONETTI
SIGNATURE:	/Jake Dragonetti/
DATE SIGNED:	03/11/2021

Total Attachments: 6

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> **PATENT** REEL: 055560 FRAME: 0811 506548605

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PATENT REEL: 055560 FRAME: 0812

Attorney Docket No.: 09531-0325001 20120236

ASSIGNMENT

For valuable consideration, I, Robert Tranquillo, of 1267 Wyncrest Court, Arden Hills, MN 55112, an inventor of the inventions and improvements that are the subject of an application for United States Patent entitled *Decellularized Biologically-Engineered Tubular Grafts*, filed February 20, 2013, and assigned U.S. Serial Number 13/771,676, hereby assign to Regents of the University of Minnesota, a corporation of Minnesota, having a place of business at 1000 Westgate Drive, Suite 160, Saint Paul, MN 55114-8658, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world of the inventions and improvements which are the subject of the above-referenced application for United States Patent.

This Assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements.

This Assignment includes the right to claim priority based upon the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

I authorize the Assignce to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications,

Assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

Assignment Page 1 of 2

I, Robert Tranquillo, inventor of the above-referenced inventions and improvements,
hereby execute this Assignment on this day of, 2013, in the presence of
the below-identified notary.
County of: HERRICE }
: SS.
State of: Allow Albertain }
Before me on this day of day of 2013, personally appeared Robert Tranquillo, known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.
L.S. Notary Public
My Commission Expires: TANDAM 31, 2015
[Notary's Seal Below]
CANALANNA J. MURPHY NOTARY PLEC. MINIESOTA NOTARY PLEC. SILLANDES (2010)

60832026,doc

Attorney Docket No.: 09531-0325001 20120236

ASSIGNMENT

For valuable consideration, I, Zeeshan Syedain, of 36 9th St, Apt 107, Minneapolis, MN 55402, an inventor of the inventions and improvements that are the subject of an application for United States Patent entitled *Decellularized Biologically-Engineered Tubular Grafts*, filed February 20, 2013, and assigned U.S. Serial Number 13/771,676, hereby assign to Regents of the University of Minnesota, a corporation of Minnesota, having a place of business at 1000 Westgate Drive, Suite 160, Saint Paul, MN 55114-8658, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world of the inventions and improvements which are the subject of the above-referenced application for United States Patent.

This Assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements.

This Assignment includes the right to claim priority based upon the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications,

Assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

Assignment Page 1 of 2

PATENT REEL: 055560 FRAME: 0815

I, Zeeshan Syedain, inventor of the above-referenced inventions and improvements,
hereby execute this Assignment on this day of May, 2013, in the presence of
the below-identified notary.
Zeeshan Syedain
County of:
State of: WINNESO+N
Before me on this 21 day of WM, , 2013, personally appeared
Zeeshan Syedain, known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.
2/4/2022 Ls.
Notary Public
My Commission Expires: 121 2015
[Notary's Seal Below]

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Attorney Docket No.: 09531-0325001 20120236

ASSIGNMENT

For valuable consideration, I, Lee Meier, of 1609 East 24th Street, Minneapolis, MN 55404, an inventor of the inventions and improvements that are the subject of an application for United States Patent entitled *Decellularized Biologically-Engineered Tubular Grafts*, filed February 20, 2013, and assigned U.S. Serial Number 13/771,676, hereby assign to Regents of the University of Minnesota, a corporation of Minnesota, having a place of business at 1000 Westgate Drive, Suite 160, Saint Paul, MN 55114-8658, and its successors and assigns (collectively hereinafter called "the Assignee") the entire right, title and interest throughout the world of the inventions and improvements which are the subject of the above-referenced application for United States Patent.

This Assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements.

This Assignment includes the right to claim priority based upon the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes.

I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

I agree for myself and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications,

Assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

Assignment Page 1 of 3

I, Lee Meier, inventor of the above-referenced inventions and improvements, hereby
execute this Assignment on this Z day of, 2013, in the presence of the
below-identified notary.
Lee Meier
County of: HENNERIN }
: SS.
State of: MINNESUTA }
Before me on this 2 day of may, 2013, personally appeared
Lee Meier, known to me to be the person whose name is subscribed to the foregoing
Assignment, and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.
Notary Public L.S.
My Commission Expires: Janvan 31,2015
[Notary's Seal Below]
JULIANNA J. MURPHY NOTARY PUBLIC-MINNESOTA NOTARY PUBLIC-MINNESOTA

Assignment Page 2 of 3