

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Patrick M. GUERTIN	05/04/2011
Parrish M. GALLIHER	05/05/2011
Michael FISHER	05/05/2011
Joseph D. CROWELL	05/23/2011
Colin R. TUOHEY	05/03/2011
Laura E. NIKLASON	10/28/2010
William E. TENTE	10/28/2010
Shannon M. DAHL	10/22/2010
Juliana BLUM	10/22/2010
Justin STRADER	10/22/2010

RECEIVING PARTY DATA

Name:	Xcellerex, Inc.
Street Address:	170 Locke Drive
City:	Marlborough
State/Country:	MASSACHUSETTS
Postal Code:	01752

Name:	Humacyte, Inc.
Street Address:	7020 Kit Creek Road - Suite 230
City:	Morrisville
State/Country:	NORTH CAROLINA
Postal Code:	27709

PROPERTY NUMBERS Total: 1

Property Type	Number
PCT Number:	US1029942

CORRESPONDENCE DATA

501568859

PATENT
REEL: 026466 FRAME: 0532

OP \$40.00 US1029942

Fax Number: (508)683-2375

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

Phone: 508-683-2275

Email: sbigelow@xcellerex.com

Correspondent Name: Susan E. Bigelow

Address Line 1: 170 Locke Drive

Address Line 4: Marlborough, MASSACHUSETTS 01752

ATTORNEY DOCKET NUMBER:

GR120-PCT

NAME OF SUBMITTER:

Susan E. Bigelow

Total Attachments: 7

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Assignment of Rights, Title and Interest in Invention
(Multiple inventors; multiple assignees)

Docket No.
GR120-PCT

This is an Assignment of the following rights, title and interest: (check all that apply):

☒ *United States of America rights, title and interest in the invention*

☒ *Foreign rights, title and interest in the invention*

☐ *United States Patent Application Serial No.* _____

Date of Execution: _____

Date of Filing: _____

☐ *United States Provisional Patent Application Serial No.* _____

☐ *United States Patent No(s).* _____

☒ *International (PCT) Patent Application Serial No.* PCT/US10/29942

☐ *Other (specify)* _____

Title of the Invention

TISSUE AND ORGAN GRAFT BIOREACTOR AND METHOD OF OPERATION

Inventors (assignors)

<i>Name</i>	<i>Address</i>
GUERTIN, Patrick M.	44 Miscoe Road, Mendon, Massachusetts 01756 USA
GALLIHER, Parrish M.	26 Old Pickard Lane, Littleton, Massachusetts 01460 USA
FISHER, Michael	269 Winter Street, Ashland, Massachusetts 01721 USA
CROWELL, Joseph D.	372 Essex Street, S. Hamilton, Massachusetts 01982 USA
TUOHEY, Colin R.	3 Fisher Terrace, Medway, Massachusetts 02053 USA
NIKLASON, Laura E.	35 Wilshire Road, Greenwich, Connecticut 06830 USA
TENTE, William E.	90 Davis Street, Seekonk, Massachusetts 02771 USA
DAHL, Shannon M.	215 Old Fox Trail, Durham, North Carolina 27713 USA
BLUM, Juliana	1116 Clatter Avenue, Wake Forest, North Carolina 27587 USA
STRADER, Justin	904 Balmoral Drive, Cary, North Carolina 27511 USA

Assignment of Rights, Title and Interest in Invention (Multiple inventors; multiple assignees)		Docket No. GR120-PCT
<i>Assignees</i>		
<i>Name</i>	<i>Address</i>	
Xcellerex, Inc.	170 Locke Drive Marlborough, Massachusetts 01752 USA	
<i>Name</i>	<i>Address</i>	
Humacyte, Inc.	7020 Kit Creek Road -Suite 230 Morrisville, North Carolina 27709 USA	
<i>Name</i>	<i>Address</i>	
<i>Name</i>	<i>Address</i>	
<i>Name</i>	<i>Address</i>	
<i>Name</i>	<i>Address</i>	
<i>Name</i>	<i>Address</i>	
<i>Name</i>	<i>Address</i>	
<i>Name</i>	<i>Address</i>	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; multiple assignees)

Docket No.
GR120-PCT

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignees;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Invention based upon said application(s) as identified above, said patents, domestic and foreign as identified above, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of said application(s) for patents or securing of patents in the United States and countries foreign thereto, unto said Assignees, who will hold said rights, title and interest in equal shares;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignees, as co-assignees of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignees or their Designee(s) may from time to time require and prepare at their own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
GUERTIN, Patrick M.	
GALLIHER, Parrish M.	
FISHER, Michael	
CROWELL, Joseph D.	
TUOHEY, Colin R.	
NIKLASON, Laura E.	
TENTE, William E.	
DAHL, Shannon M.	
BLUM, Juliana	
STRADER, Justin	

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; multiple assignees)

Docket No.
GR120-PCT

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

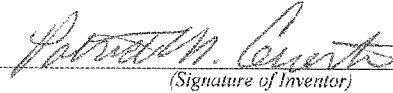
Executed this 4th day of May in the year 2011
at

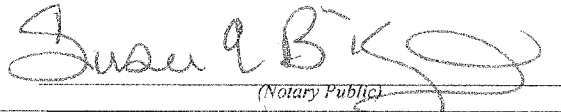
State of Massachusetts

County of Middlesex

Before me personally appeared GUERTIN, Patrick M.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 4th day of May in the year 2011


(Signature of Inventor)


(Notary Public)

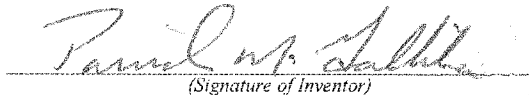
Executed this 5 day of May in the year 2011
at

State of Massachusetts

County of Middlesex

Before me personally appeared GALLIHER, Parrish M.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 5 day of May in the year 2011


(Signature of Inventor)


(Notary Public)

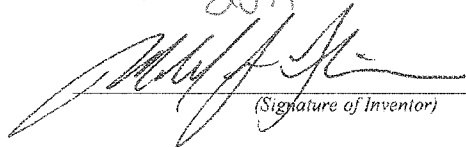
Executed this 5 day of May in the year 2011
at

State of Massachusetts

County of Middlesex

Before me personally appeared FISHER, Michael

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 5 day of May in the year 2011


(Signature of Inventor)


(Notary Public)

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; multiple assignees)

Docket No.
GR120-PCT

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 23 day of May, in the year 2011

at

State of Massachusetts

County of Middlesex

Before me personally appeared CROWELL, Joseph D.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 23 day of May in the year 2011

(Signature of Inventor)

(Notary Public)

Executed this 3rd day of May, in the year 2011

at

State of Massachusetts

County of Middlesex

Before me personally appeared TUOHEY, Colin R.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 3rd day of May in the year 2011

(Signature of Inventor)

(Notary Public)

Executed this 28th day of October, in the year 2010.

at

State of NC

County of Wake

Before me personally appeared NIKLASON, Laura E.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 28th day of October in the year 2010

(Signature of Inventor)

(Notary Public)

My Commission expires 4/14/2013

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; multiple assignees)

Docket No.
GR120-PCT

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 28 day of October, in the year 2010

at



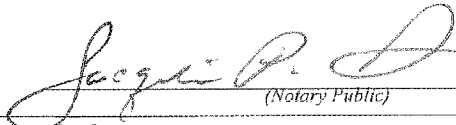
(Signature of Inventor)

State of

County of

Before me personally appeared TENTE, William E.

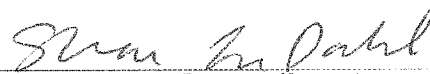
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 28th day of Oct in the year 2010



(Notary Public)

Executed this 22 day of October in the year 2010

at



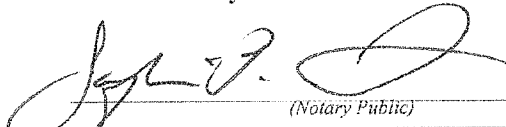
(Signature of Inventor)

State of

County of

Before me personally appeared DAHL, Shannon M.

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 22nd day of October in the year 2010



(Notary Public)

Executed this 22 day of October, in the year 2010

at



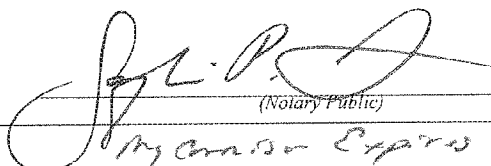
(Signature of Inventor)

State of

County of

Before me personally appeared BLUM, Juliana

who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 22 day of October in the year 2010



My Comm. Expires 4/14/2013

(Notary Public)

Assignment of Rights, Title and Interest in Invention
(Multiple inventors; multiple assignees)

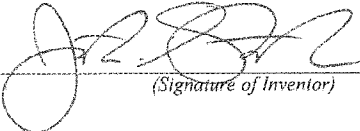
Docket No.
GR120-PCT

Notarization

(Although notarization is not necessary, it will be considered prima facie evidence of execution pursuant to 35 U.S.C. 261.)

Executed this 22nd day of October, in the year 2010

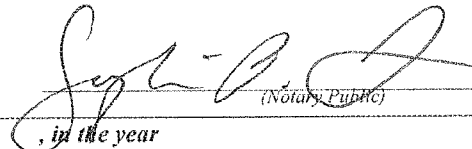
at


(Signature of Inventor)

State of

County of

Before me personally appeared STRADER, Justin
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this 22nd day of Oct. in the year 2010


(Notary Public)

Executed this _____ day of _____, in the year _____

at

(Signature of Inventor)

State of

County of

Before me personally appeared _____
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____ in the year _____

(Notary Public)

Executed this _____ day of _____, in the year _____

at

(Signature of Inventor)

State of

County of

Before me personally appeared _____
who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to
execute the same this _____ day of _____ in the year _____

(Notary Public)