504791411 02/23/2018

EPAS ID: PAT4838143

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF THE WORD "SARTORIOUS" TOSARTORIUS IN THE ASSIGNEE NAME previously recorded on Reel 036845 Frame 0437. Assignor(s) hereby confirms the THE ASSIGNEE NAME SHOULD BE "SARTORIUS STEDIM FREEZE THAW INC.", AND NOT "SARTORIOUS STEDIM FREEZE THAW INC.".

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN CUTTING	01/03/2008
ISABELLE GAY	01/03/2008
NICOLAS VOUTE	01/03/2008
ERIC K LEE	01/12/2008

RECEIVING PARTY DATA

Name:	SARTORIUS STEDIM FREEZE THAW INC.
Street Address:	445 DEVLIN ROAD
City:	NAPA
State/Country:	CALIFORNIA
Postal Code:	94558

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14886748

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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: 5184525600

Email: Christine.Weber@hrfmlaw.com

Correspondent Name: VICTOR A. CARDONA
Address Line 1: 5 COLUMBIA CIRCLE

Address Line 2: HESLIN ROTHENBERG FARLEY & MESITI P.C.

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	2035.049B	
NAME OF SUBMITTER:	VICTOR A. CARDONA	
SIGNATURE:	/VICTOR A. CARDONA/	

PATENT 504791411 REEL: 045426 FRAME: 0549

DATE SIGNED: 02/23/2018 **Total Attachments: 21** source=Notice (H0417859xD16FB)#page1.tif source=2035.049B - AssignmentCoverSheet#1 (H1128506xD16FB)#page1.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page1.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page2.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page3.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page4.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page5.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page6.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page7.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page8.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page9.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page10.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page11.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page12.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page13.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page14.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page15.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page16.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page17.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page18.tif source=2035049-Recorded Assignment (H0010850xD16FB)#page19.tif

> PATENT REEL: 045426 FRAME: 0550

503532930 10/21/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3579556

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONATHAN CUTTING	01/03/2008
ISABELLE GAY	01/03/2008
NICOLAS VOUTE	01/03/2008
ERIC K LEE	01/12/2008

RECEIVING PARTY DATA

Name:	SARTORIOUS STEDIM FREEZE THAW INC.
Street Address:	445 DEVLIN ROAD
City:	NAPA
State/Country:	CALIFORNIA
Postal Code:	94558

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14886748

CORRESPONDENCE DATA

Fax Number: (518)452-5579

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: 5184525600 Email: ccw@hrfmlaw.com VICTOR A. CARDONA **Correspondent Name:** Address Line 1: 5 COLUMBIA CIRCLE

Address Line 2: HESLIN ROTHENBERG FARLEY & MESITI P.C.

Address Line 4: ALBANY, NEW YORK 12203

ATTORNEY DOCKET NUMBER:	2035.049B	
NAME OF SUBMITTER:	VICTOR A. CARDONA	
SIGNATURE:	/Victor A. Cardona/	
DATE SIGNED:	10/21/2015	

Total Attachments: 19

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> **PATENT** REEL: 045426 FRAME: 0551

ASSIGNMENT

WHEREAS, WE,

JONATHAN CUTTING, a citizen of the United States, residing at 1037 Suffolk Way, Fairfield, CA 94533, United States;

ISABELLE GAY, a citizen of France, residing at 4, lotissement Palitta, Le Regage, 13124 Peypin, France;

ERIC K. LEE, a citizen of the United States, residing at 3 Jay Lane, Acton, Massachusetts 01720, United States; and

NICOLAS VOUTE, a citizen of the France, residing at Chemin Peygros, F-13780 Cuges les Pins, France,

(hereinafter referred to as the "inventors") respectively, have invented certain new and useful improvements in:

SYSTEMS AND METHODS FOR FREEZING, STORING AND THAWING BIOPHARMACEUTICAL MATERIALS

for which an application for Letters Patent of the United States, Serial No. 11/963,106, was filed on December 21, 2007; and;

WHEREAS, SARTORIUS STEDIM FREEZE THAW INC., a Delaware Corporation, having offices at 445 Devlin Road, Napa, California, 94558, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We the said inventors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all 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 SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that I will communicate to the said SARTORIUS STEDIM FREEZE THAW INC., 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 SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3 day of January , 2008. CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the LAURENCE R. JOHNS instrument the person(s), or the entity upon behalf of COMM. #1655347 which the person(s) acted, executed the instrument. TARY PUBLIC-CALIFORNIA SOLANO COUNTY My Comm. Expires APRIL 27, 2010 I certify under PENALTY OF PERJURY under the laws

Place Notary Seal Above

WITNESS my hand and official seal.

of the State of California that the foregoing paragraph is

Page 2 of 3

true and correct.

Signature.

day of		unto set my hand and sear uns
		ERIC K. LEE
STATE OF	\)
COUNTY OF) ss.:)
LEE, to me known	and known to me to be th	, 2008, before me personally came ERIC K. le person of that name, who signed and sealed the line same to be his free act and deed.
		Notary Public
<i>IN TESTI</i> day of	MONY WHEREOF, I her , 2008.	eunto set my hand and seal this
		NICOLAS VOUTE
Witnessed:		
	Date: _	, 2008
	Date:	, 2008

ASSIGNMENT

WHEREAS, WE,

JONATHAN CUTTING, a citizen of the United States, residing at 2737 Geranium Ct., Fairfield, CA 94533, United States;

ISABELLE GAY, a citizen of France, residing at 4, lotissement Palitta, Le Regage, 13124 Peypin, France;

ERIC K. LEE, a citizen of the United States, residing at 3 Jay Lane, Acton, Massachusetts 01720, United States; and

NICOLAS VOUTE, a citizen of the France, residing at Chemin Peygros, F-13780 Cuges les Pins, France,

(hereinafter referred to as the "inventors") respectively, have invented certain new and useful improvements in:

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for which an application for Letters Patent of the United States, Serial No. 11/963,106, was filed on December 21, 2007; and;

WHEREAS, SARTORIUS STEDIM FREEZE THAW INC., a Delaware Corporation, having offices at 445 Devlin Road, Napa, California, 94558, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We the said inventors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all 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 SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that I will communicate to the said SARTORIUS STEDIM FREEZE THAW INC., 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 SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY		o set my hand and seal this
		JONATHAN CUTTING
STATE OF)	
COUNTY OF) ss.:)	
CUTTING , to me known	and known to me to be	008, before me personally came JONATHAN the person of that name, who signed and sealed ne same to be his free act and deed.
		Notary Public
IN TESTIMONY 1 3 day of January		o set my hand and seal this
		ISABELLE GAY
Witnessed:	ı	
BARBAROUX (M)	Date: Jun	uary 3, 2008 au 3, 2008
SUEVERNU ATTUR	Date: Janu	ary 3, 2008

Page 2 of 3

day of		eumo set my nand and sear tims
		ERIC K. LEE
STATE OF)	
COUNTY OF) ss.:)	
to me known and k	known to me to be the pers	, 2008, before me personally came ERIC K. LEE , son of that name, who signed and sealed the the same to be his free act and deed.
		Notary Public
IN TESTI 3 rd day of <u>Jane</u>	MONY WHEREOF, I here	eunto set my hand and seal this
		NICOLAS VOUTE
Witnessed:	Ja	
BARBAROUX	Date: _	January 3, 2008
CHAUSSIN =	Date:	Dunieury 3 c, 2008

ASSIGNMENT

WHEREAS, WE,

JONATHAN CUTTING, a citizen of the United States, residing at 2737 Geranium Ct., Fairfield, CA 94533, United States;

ISABELLE GAY, a citizen of France, residing at 4, lotissement Palitta, Le Regage, 13124 Peypin, France;

ERIC K. LEE, a citizen of the United States, residing at 3 Jay Lane, Acton, Massachusetts 01720, United States; and

NICOLAS VOUTE, a citizen of the France, residing at Chemin Peygros, F-13780 Cuges les Pins, France,

(hereinafter referred to as the "inventors") respectively, have invented certain new and useful improvements in:

SYSTEMS AND METHODS FOR FREEZING, STORING AND THAWING BIOPHARMACEUTICAL MATERIALS

for which an application for Letters Patent of the United States, Serial No. 11/963,106, was filed on December 21, 2007; and;

WHEREAS, SARTORIUS STEDIM FREEZE THAW INC., a Delaware Corporation, having offices at 445 Devlin Road, Napa, California, 94558, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, We the said inventors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all 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 SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

Page 1 of 3

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that I will communicate to the said SARTORIUS STEDIM FREEZE THAW INC., 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 SARTORIUS STEDIM FREEZE THAW INC., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIM day of		unto set my hand and seal this
		JONATHAN CUTTING
STATE OF)) ss.:	
COUNTY OF)	
CUTTING, to me	known and known to me t	_, 2008, before me personally came JONATHAN to be the person of that name, who signed and sealed the same to be his free act and deed.
		Notary Public
IN TESTIN	MONY WHEREOF, I here	eunto set my hand and seal this
		ISABELLE GAY
Witnessed:		
	Date: _	2008
	Date:	2008

Page 2 of 3

_, . : *

Docket No.: 2035.049 U.S. Serial No. 11/963,106

IN TESTIMO	NY WHEREOF, I here	cunto set my hand and seal this
day of verna	-4, 2 008.	Endr
		ERIC K. LEE
STATE OF)	
) ss.:	
COUNTY OF)	
to me known and kno	own to me to be the pers	_, 2008, before me personally came ERIC K. LEE, on of that name, who signed and sealed the he same to be his free act and deed.
		Notary Public
IN TESTIMO		eunto set my hand and seal this
		NICOLAS VOUTE
Witnessed:		
	•••	2000
	Date: _	, 2008
	Dota	2008

Page 3 of 3