504493897 08/08/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4540599

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DR. CHRISTOPHER L. JONES	07/31/2017
IAN HELMAR	07/24/2017
LUCAS DIEHL	07/31/2017
DR. JASON TINLEY	07/24/2017
KEVIN CHAPPUIS	07/24/2017
JOHN SULLIVAN	07/31/2017

RECEIVING PARTY DATA

Name:	HD LIFESCIENCES LLC
Street Address:	38 MONTVALE SVENUE
Internal Address:	SUITE 380
City:	STONEHAM
State/Country:	MASSACHUSETTS
Postal Code:	02180

PROPERTY NUMBERS Total: 6

Property Type	Number
Application Number:	29613153
Application Number:	29613156
Application Number:	29613157
Application Number:	29613159
Application Number:	29613161
Application Number:	29613164

CORRESPONDENCE DATA

Fax Number:

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: 9789690841

Email: dtesler@teslerlaw.com
Correspondent Name: DANIEL A. TESLER
Address Line 1: 137 CABOT STREET

Address Line 4: BEVERLY, MASSACHUSETTS 01915

REEL: 043231 FRAME: 0314

PATENT -

504493897

HL201724DP	
DANIEL A. TESLER	
/Daniel A. Tesler/	
08/08/2017	
Total Attachments: 12	
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Whereas, Dr. Christopher L. Jones, hereinafter called assignor, is a joint inventor of the following:

INTERBODY FUSION IMPLANT

for which a U.S. Design Patent Application, attorney docket number HL201725DP will be filed. I hereby authorize and request attorney Daniel Akira Tesler, of 137 Cabot Street, Beverly, MA 01915, to insert here in parentheses (58/08/2017, 29/613, 153) the filing date and application number of said application when known.

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INTERBODY FUSION IMPLANT

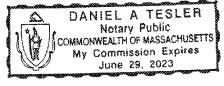
for which a U.S. Design Patent Application, attorney docket number HL201730DP will be filed. I hereby authorize and request attorney Daniel Akira Tesler, of 137 Cabot Street, Beverly, MA 01915, to insert here in parentheses (08/08/2017, 29/613, 164) the filing date and application number of said application when known.

Whereas, HD LifeSciences LLC, a Massachusetts LLC, hereinafter called assignee, desires to acquire assignor's entire right, title, and interest in the applications and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for One Dollar (\$1.00) and other valuable consideration, receipt whereof is hereby acknowledged.

The above named assignor does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the applications, any continuations, continuations-in-part, divisional or other applications (foreign and domestic) claiming priority from the application; and further does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended; and hereby requests the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application or any of the applications named above to the assignee, its successors and assigns; and hereby agrees that the assignee may apply for foreign Letters Patent on the invention and assignor will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

Signed and sealed
$\frac{(K)TC}{(Seal)}$ Date: $\frac{07/31/2017}{}$
Dr. Christopher L. Jones
[to be completed by notary public]
On this <u>Str.</u> day of <u>July 2017</u> , before me, <u>Davel</u> Tesles , the undersigned Notary Public, personally appeared <u>Christopher Jones</u> ASSIGNOR, personally
Notary Public, personally appeared Christopher Jones ASSIGNOR, personally
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument, and acknowledged to me that he executed the same
name is subscribed to the within instrument, and acknowledged to me that he executed the same WITNESS my hand and official seal in Miles County of Man on the date
set forth in this certificate,
Notary Public
(Legalization- notarization not required for recording but is prima facie evidence of execution under 35 U.S.C. 261)



Whereas, Ian Helmar, hereinafter called assignor, is a joint inventor of the following:

INTERBODY FUSION IMPLANT

for which a U.S. Design Patent Application, attorney docket number HL201725DP will be filed. I hereby authorize and request attorney Daniel Akira Tesler, of 137 Cabot Street, Beverly, MA 01915, to insert here in parentheses (\$\%\8\/2017,2\%\613,153\) the filing date and application number of said application when known.

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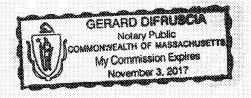
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for which a U.S. Design Patent Application, attorney docket number HL201730DP will be filed. I hereby authorize and request attorney Daniel Akira Tesler, of 137 Cabot Street, Beverly, MA 01915, to insert here in parentheses (58/08/2017, 29/613, 164) the filing date and application number of said application when known.

Whereas, HD LifeSciences LLC, a Massachusetts LLC, hereinafter called assignee, desires to acquire assignor's entire right, title, and interest in the applications and invention, and to any United States and foreign patents to be obtained therefor;

The above named assignor does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the applications, any continuations, continuations-in-part, divisional or other applications (foreign and domestic) claiming priority from the application; and further does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended; and hereby requests the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application or any of the applications named above to the assignee, its successors and assigns; and hereby agrees that the assignee may apply for foreign Letters Patent on the invention and assignor will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

Signed and seated
(Seal) Date: 7/24/2017
Fan Helmar
[to be completed by notary public]
On this 24 day of 500 before me, GERARD STRUSGATHE undersigned Notary Public, personally appeared TAN HELMAR ASSIGNOR, personally
Notary Public, personally appeared TAW HELMAR ASSIGNOR, personally
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument, and acknowledged to me that he executed the same
WITNESS my hand and official seal in MA County of MIDDLESEX on the dat
set forth in this gertificate
Anleton i
Notary Public
(Legalization-notarization its required for recording but is prima facie evidence of execution under 35 U.S.C. 261)



Whereas, Lucas Diehl, hereinafter called assignor, is a joint inventor of the following:

INTERBODY FUSION IMPLANT

for which a U.S. Design Patent Application, attorney docket number HL201725DP will be filed. I hereby authorize and request attorney Daniel Akira Tesler, of 137 Cabot Street, Beverly, MA 01915, to insert here in parentheses (08/08/2017, 29/613,153) the filing date and application number of said application when known.

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Whereas, HD LifeSciences LLC, a Massachusetts LLC, hereinafter called assignee, desires to acquire assignor's entire right, title, and interest in the applications and invention, and to any United States and foreign patents to be obtained therefor;

The above named assignor does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the applications, any continuations, continuations-in-part, divisional or other applications (foreign and domestic) claiming priority from the application; and further does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended; and hereby requests the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application or any of the applications named above to the assignee, its successors and assigns; and hereby agrees that the assignee may apply for foreign Letters Patent on the invention and assignor will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

Signed and sealed (Seal) Date:	7/31/2017
Lucas Diehl	
[to be completed by notary public]	
On this 31st day of July 2017, before me, Daniel Tester Notary Public, personally appeared Luces Dien!	the undersigned
Notary Public, personally appeared Lucas Diekl	ASSIGNOR, personally
known to me (or proved to me on the basis of satisfactory evidence	
name is subscribed to the within instrument, and acknowledged to	me that he executed the same.
WITNESS my hand and official seal in Midlesex County of	f MA on the date
ser-forth in this certificate	
Notary Public	
(Legalization-notarization not required for recording but is prima facie evidence of exc	ecution under 35 U.S.C. 261)
	DANIEL A TESLER

Notary Public

Whereas, Dr. Jason Tinley, hereinafter called assignor, is a joint inventor of the following:

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for which a U.S. Design Patent Application, attorney docket number HL201725DP will be filed. I hereby authorize and request attorney Daniel Akira Tesler, of 137 Cabot Street, Beverly, MA 01915, to insert here in parentheses (08/08/2017, 29/613, 153) the filing date and application number of said application when known.

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Whereas, HD LifeSciences LLC, a Massachusetts LLC, hereinafter called assignee, desires to acquire assignor's entire right, title, and interest in the applications and invention, and to any United States and foreign patents to be obtained therefor;

The above named assignor does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the applications, any continuations, continuations-in-part, divisional or other applications (foreign and domestic) claiming priority from the application; and further does hereby sell, assign, and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended; and hereby requests the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application or any of the applications named above to the assignee, its successors and assigns; and hereby agrees that the assignee may apply for foreign Letters Patent on the invention and assignor will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

Signed and seated	
(Seal) Date: 7/24/17	
Dr. Jason Tinley	
[to be completed by notary public]	
On this 24 day of 3, before me, 1, and 3, the undersigned Notary Public, personally appeared 3, 2, 1, 1, 1, 2, 3, 4, 5, 5, 6, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	e.
Set forth in this certificate.	
(Legalization-notarization not sequired for recording but is prima facie evidence of execution under 35 U.S.C. 261)	
TIFFANY KING SE Notary Public, State of Texas Comm. Expires 04-09-2020 Notary ID 12485731-5	

Whereas, Kevin Chappuis, hereinafter called assignor, is a joint inventor of the following:

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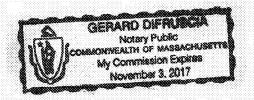
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orgined and seared			
MUUCCON	(Seal)	Date: 4/24	117
Kevin Chappuis			
[to be completed by notary public]			
On this A 4 day of SULY, Jot 4 before me Notary Public, personally appeared KEVI	, Gerard	DiFRUSCIA	, the undersigned
Notary Public, personally appeared KEVI	N CHAPPU	دS ASSI	IGNOR, personally
known to me (or proved to me on the basis of	of satisfactory	evidence) to be the	e person whose
name is subscribed to the within instrument.			
WITNESS my han and official seal in A	ΛA c	ounty of MIDLE	FSEX on the date
set forth in this certificate.			
Vol Hur o			
Notary Public			
(Legalization-notarization not required for recording but	is prima facie evide	nce of execution under 3	35 U.S.C. 261)



Whereas, John Sullivan, hereinafter called assignor, is a joint inventor of the following:

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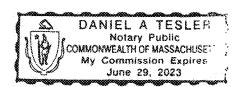
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Signed and sealed
(Seal) Date: 7/31/17
S-Dr. Christopher I Jones John Sallin
[to be completed by notary public]
On this 3/5t day of July 2017, before me, Daniel Tester, the undersigned
Notary Public, personally appeared John Sallivan ASSIGNOR, personally
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument, and acknowledged to me that he executed the same.
WITNESS my hand and official seal in Middlesex County of MA on the date
set forth in this certificate.
Notary Public
(Legalization- notarization not required for recording but is prima facie evidence of execution under 35 U.S.C. 261)



PATENT REEL: 043231 FRAME: 0327

RECORDED: 08/08/2017