

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4967992

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BART LIPKENS	03/29/2018
RUI TOSTOES	04/13/2018
BRIAN DUTRA	03/29/2018
RUDOLF GILMANSHIN	03/23/2018
JASON DIONNE	05/13/2018
WALTER M PRESZ JR	04/10/2018
BENJAMIN ROSS-JOHNSRUD	03/27/2018
GOUTAM GHOSHAL	04/11/2018
KEDAR CHITALE	03/28/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FLODESIGN SONICS, INC.
<b>Street Address:</b>	380 MAIN STREET
<b>City:</b>	WILBRAHAM
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01095
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15916270
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(413)596-5355
<i>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.</i>	
<b>Phone:</b>	413-596-5900
<b>Email:</b>	ip@fdsonics.com
<b>Correspondent Name:</b>	FLODESIGN SONICS, INC.
<b>Address Line 1:</b>	380 MAIN STREET
<b>Address Line 4:</b>	WILBRAHAM, MASSACHUSETTS 01095
<b>ATTORNEY DOCKET NUMBER:</b>	FDS-98US01
<b>NAME OF SUBMITTER:</b>	BRENDAN J. KENNEDY

<b>SIGNATURE:</b>	/Brendan J. Kennedy/
<b>DATE SIGNED:</b>	05/17/2018
<b>Total Attachments: 10</b> source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed_Assignment#page4.tif source=Executed_Assignment#page5.tif source=Executed_Assignment#page6.tif source=Executed_Assignment#page7.tif source=Executed_Assignment#page8.tif source=Executed_Assignment#page9.tif source=Executed_Assignment#page10.tif	

**ASSIGNMENT**

WHEREAS, each of the undersigned ("ASSIGNOR") has a postal address of

Bart Lipkens, 380 Main Street, Wilbraham MA 01095

Rui Tostoes, 380 Main Street, Wilbraham MA 01095

Brian Dutra, 380 Main Street, Wilbraham MA 01095

Rudolf Gilmanshin, 380 Main Street, Wilbraham MA 01095

Jason Dionne, 380 Main Street, Wilbraham, MA 01095

Walter M. Presz, Jr., 380 Main Street, Wilbraham, MA 01095

Benjamin Ross-Johnsrud, 380 Main Street, Wilbraham, MA 01095

Goutam Ghoshal, 380 Main Street, Wilbraham, MA 01095

Kedar Chitale, 380 Main Street, Wilbraham, MA 01095

and has developed certain invention(s) referred to as

**CELL THERAPY PROCESSES UTILIZING ACOUSTOPHORESIS**

as described in U.S. Patent Application Serial No. 15/916,270, Filed March 8, 2018, Attorney Docket No. FDS-88US01, and each ASSIGNOR covenants that they have the full right to convey the entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, FLODESIGN SONICS, INC. ("ASSIGNEE"), a company having executive offices at 380 Main Street, Wilbraham, MA 01095, is desirous of acquiring the entire right, title and interest in and to said invention(s) and any and all patent applications and patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each ASSIGNOR does hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said inventions, in any form or embodiment thereof, and in and to the above-identified United States Patent Application therefor and any earlier filings or applications upon which said Application depends for priority, and in and to any application filed in the U.S. or any foreign country based thereon, including the right to file such applications and the right to claim priority under the provisions of any U.S. or international convention or treaty, also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention(s) and any divisional, continuation, continuation-in-part, or substitute applications which may be filed upon said invention(s) in the U.S. or any foreign country, such patents that issue on any of the foregoing applications and all reissue applications, applications for re-examinations and other applications for post grant review of any such patents, and such patents that may issue from any such post-issue applications; and each ASSIGNOR hereby authorizes and requests the issuing authority to issue any and all patents on said application(s) to said ASSIGNEE or its successors and assigns.

Each ASSIGNOR further agrees for themselves and their executors and administrators, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention(s) including evidence for legal proceedings whenever requested; testify in any proceeding in which said invention(s) or any application or patent directed thereto may be involved, and whenever requested, execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, execute all applications for domestic and foreign patents including divisional, continuation, continuation-in-part, reissue, re-examination applications and other post grant review proceedings thereof, make all rightful oaths, and generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said inventions in this or any foreign country.

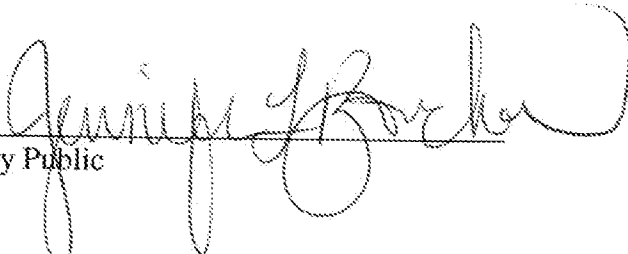
IN WITNESS WHEREOF, each ASSIGNOR hereunto sets their hand and affixes their seal.

Signed at the City of Wilbraham State of MA  
on this 29 day of March, 2018.

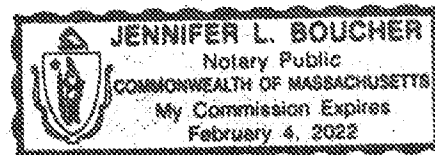
  
Bart Lipkens

State of MA )  
County of Hampden ) ss:

On this 29 day of March, 2018 before me personally came Bart Lipkens, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

Seal



IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of Wilbraham State of MA  
on this 13 day of April, 2018.

Rui Tostoes  
Rui Tostoes

State of MA )  
County of Hampden ) ss:

On this 13 day of April, 2018 before me personally came Rui Tostoes, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janice B. Burk  
Notary Public  
Seal

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

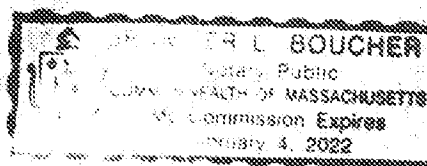
Signed at the City of Wilbraham State of MA  
on this 29 day of March, 2018.

B. Dutra  
Brian Dutra

State of MA )  
County of Hampden )ss:  
)

On this 29 day of March, 2018 before me personally came Brian Dutra, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

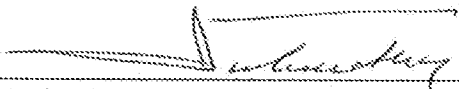
Jennifer L. Boucher  
Notary Public



Seal

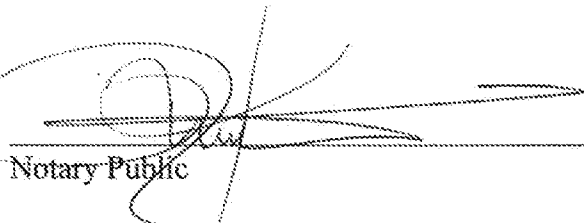
IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of Framingham State of Massachusetts  
on this day of March 23, 2017.

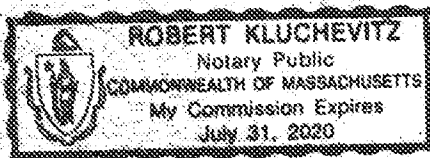
  
\_\_\_\_\_  
Rudolf Gilmanshin

State of Massachusetts )  
County of Middlesex )ss:  
)

On this 23<sup>rd</sup> day of March, 2018 before me personally came Rudolf Gilmanshin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
\_\_\_\_\_  
Notary Public

Seal



IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of LaGrangeville State of New York  
on this <sup>13<sup>th</sup></sup> day of May, 2018.

Jason P. Dionne  
Jason Dionne

State of New York )  
County of Dutchess ) ss:  
)

On this 13<sup>th</sup> day of May, 2018 before me personally came Jason Dionne, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Scott Cross  
Notary Public

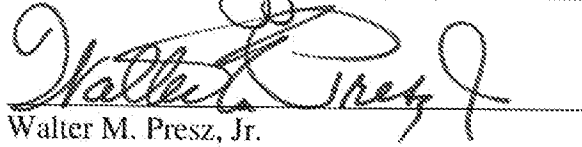
Seal

SCOTT CROSS  
Notary Public - State of New York  
No. 01CR6335682  
Qualified in Dutchess County  
My Commission Expires January 19, 2020



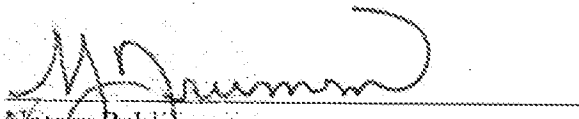
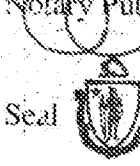
IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of Wellesham State of Massachusetts  
on this day of April 10<sup>th</sup>, 2018.

  
Walter M. Presz, Jr.

State of Massachusetts )  
County of Hamden ) ss:

On this 10<sup>th</sup> day of April, 2018 before me personally came Walter M. Presz, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public  
 Seal  
MICHELLE DRUMM  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
October 4, 2014

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

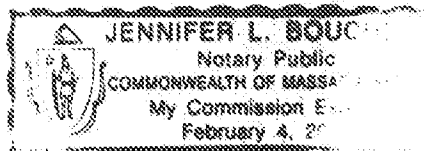
Signed at the City of Dorchester State of MA  
on this 17 day of March, 2018.

[Signature]  
Benjamin Ross-Johnsrud

State of MA )  
County of Hampden ) ss:

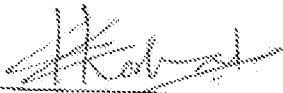
On this 17<sup>th</sup> day of March, 2018 before me personally came Benjamin Ross-Johnsrud, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public  
Seal



IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of GRAFTON State of MA  
on this 11<sup>th</sup> day of APRIL, 2018.



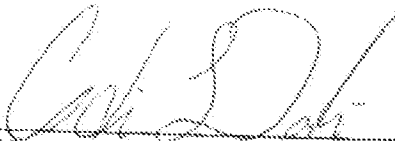
Goutam Ghoshal

State of MA

County of WORCESTER

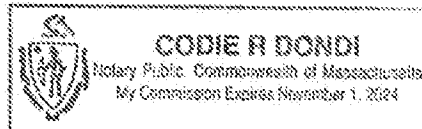
)  
)ss:  
)

On this 11<sup>th</sup> day of APRIL, 2018 before me personally came Goutam Ghoshal, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Seal



IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Signed at the City of Wilbraham State of MA  
on this 28 day of March, 2018.

[Signature]  
Kedar Chitale

State of MA )  
County of Hampden ) ss:  
)

On this 28 day of March, 2018 before me personally came Kedar Chitale, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Signature]  
Notary Public  
Seal