

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5678354

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|---|--------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| BART LIPKENS | 06/28/2019 |
| KEDAR C. CHITALE | 07/11/2019 |
| KRISHNA N. KUMAR | 07/11/2019 |
| WALTER M. PRESZ JR. | 06/28/2019 |
| RUAN ZHANG | 07/09/2019 |
| BENJAMIN ROSS-JOHNSRUD | 06/18/2019 |
| RUDOLF GILMANSHIN | 08/14/2019 |
| NATALIA RODIONOVA | 08/17/2019 |
| RUI TOSTOES | 07/08/2019 |
| RECEIVING PARTY DATA | |
| Name: | FLODESIGN SONICS, INC. |
| Street Address: | 380 MAIN STREET |
| City: | WILBRAHAM |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 01095 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16421459 |
| CORRESPONDENCE DATA | |
| Fax Number: | (413)961-0795 |
| <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> | |
| Phone: | 4135965355 |
| Email: | ip@fdsonics.com |
| Correspondent Name: | FLODESIGN SONICS, INC. |
| Address Line 1: | 380 MAIN STREET |
| Address Line 4: | WILBRAHAM, MASSACHUSETTS 01095 |
| ATTORNEY DOCKET NUMBER: | FDS-503US02 |
| NAME OF SUBMITTER: | BRENDAN J. KENNEDY |

| | |
|---|----------------------|
| SIGNATURE: | /Brendan J. Kennedy/ |
| DATE SIGNED: | 08/20/2019 |
| Total Attachments: 10 source=2019-08-20-FDS-503US02-Fully Executed Assignment#page1.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page2.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page3.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page4.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page5.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page6.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page7.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page8.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page9.tif source=2019-08-20-FDS-503US02-Fully Executed Assignment#page10.tif | |

ASSIGNMENT

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

Bart Lipkens, 380 Main Street, Wilbraham MA 01095

Kedar C. Chitale, 380 Main Street, Wilbraham, MA 01095

Krishna N. Kumar, 380 Main Street, Wilbraham, MA 01095

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

Ruan Zhang, 380 Main Street, Wilbraham, MA 01095

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

Rudolf Gilmanshin, 380 Main Street, Wilbraham, MA 01095

Natalia Rodionova, 380 Main Street, Wilbraham, MA 01095

Rui Tostoes, 380 Main Street, Wilbraham MA 01095

and has developed certain invention(s) referred to as

Acoustic Cell Separation Techniques and Processes

as described in U.S. Patent Application Serial No. 16/421,459, May 23, 2019 Attorney Docket No. FDS- 503US02 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 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 08 day of June, 2019.

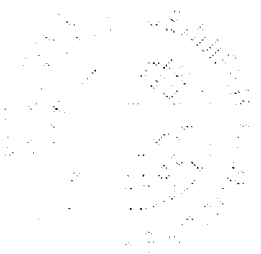
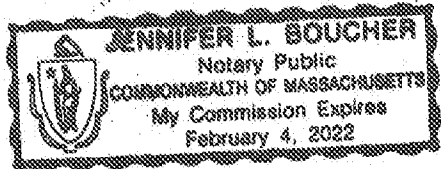
[Signature]
Bart Lipkens

State of MA)
County of Hampden) ss:

On this 08 day of June, 2019 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.

[Signature]
Notary Public

Seal



Signed at the City of Willbraham State of MA on this 11 day of July, 2019.

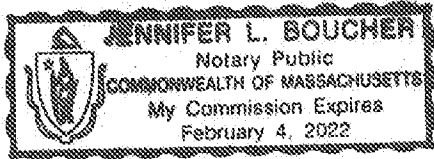
[Signature]
Kedar C. Chitale

State of MA)
County of Hampden))ss:

On this 11 day of July, 2019 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



Signed at the City of Waltham State of MA on this 11 day of July, 2019.

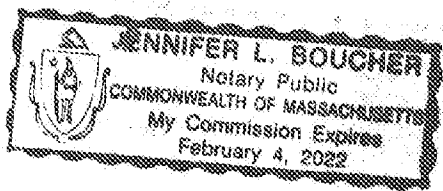
Krishna N. Kumar
Krishna N. Kumar

State of MA)
County of Hampden) ss:

On this 11 day of JULY, 2019 before me personally came Krishna N. Kumar, 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



Signed at the City of Wilbraham State of MA on this 28 day of June, 2019.

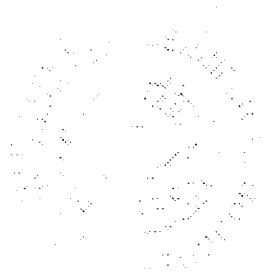
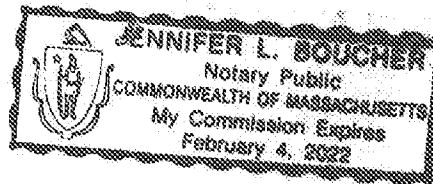
Walter M. Presz, Jr.
Walter M. Presz, Jr.

State of MA)
County of Hampton) ss:

On this 28 day of June, 2019 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.

Jennifer L. Boucher
Notary Public

Seal



Signed at the City of Winchester State of MA on this 9 day of July, 2019.

[Handwritten signature]

Ruan Zhang

State of MA)
County of Middlesex) ss:

On this 9 day of July, 2019 before me personally came Ruan Zhang to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

[Handwritten signature]
Notary Public



Signed at the City of Wilbraham State of MA on this 19 day of June, 2019.

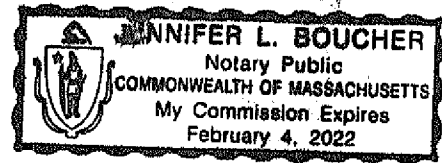
Benjamin Ross-Johnsrud
Benjamin Ross-Johnsrud

State of MA)
County of Hampden))ss:

On this 19 day of June, 2019 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.

Jennifer L. Boucher
Notary Public

Seal



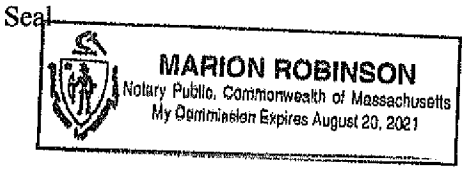
Signed at the City of Frammingham State of Massachusetts on this 14 day of August, 2019.

[Signature]
Rudolf Gilmanshin

State of Massachusetts,
County of Middlesex,) ss: _____

On this 14th day of August, 2019 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.

[Signature]
Notary Public



Signed at the City of Framingham State of MA on this 17 day of August, 2019.

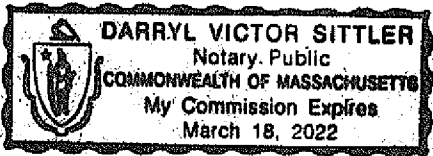
Natalia Rodionova

State of Massachusetts)
County of Middlesex) ss:

On this 17th day of August, 2019 before me personally came Natalia Rodionova to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Seal



Signed at the City of W. Brahma State of MA on this 8 day of July, 2019.

[Signature]
Rui Tostoes

State of MA)
County of Hampden) ss:

On this 8 day of July, 2019 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.

[Signature]
Notary Public
Seal