503880821 06/21/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUDOLF GILMANSHIN	06/14/2016
BART LIPKENS	06/14/2016

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:	15180015

CORRESPONDENCE DATA

Fax Number: (216)363-9001

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: 216.363.9000

Email: sbobka@faysharpe.com Correspondent Name: **FAY SHARPE LLP**

Address Line 1: 1228 EUCLID AVENUE, 5TH FLOOR

Address Line 2: THE HALLE BUILDING Address Line 4: CLEVELAND, OHIO 44115

ATTORNEY DOCKET NUMBER:	FLOS 200045US01
NAME OF SUBMITTER:	RICHARD M. KLEIN
SIGNATURE:	/Richard M. Klein/
DATE SIGNED:	06/21/2016

Total Attachments: 3

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> **PATENT** REEL: 038971 FRAME: 0027 503880821

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, **Rudolf Gilmanshin** of Framingham, MA and **Bart Lipkens** of Wilbraham, MA

who has/have created a certain invention for which an application for United States Letters Patent has been

executed concurrently herewith
executed on
filed as U.S. Serial No. 15/180,015 on June 11, 2016
filed as International Application No. on

and is entitled

ACOUSTIC METHODS FOR SEPARATION FO CELLS AND PATHOGENS

Do hereby sell, assign and transfer to FloDesign Sonics, Inc., having a place of business at 380 Main Street, Wilbraham, MA 01095, (hereinafter Assignee) its successors, assigns, and legal representatives, the full and exclusive right, title, and interest in and to said invention and said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, reexaminations, extensions thereof, and all other forms of protection relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;

Agree that said Assignee may apply for and receive Letters Patent for said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reexaminations, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

PATENT REEL: 038971 FRAME: 0028 Consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Assignee to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

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

Signed at the City of with	Capaix	State of Val
on this 4 day of Tong) 	, 2016.
rav	acres and the second	
I. Lenen	dang	
Rudolf Gilmanshin	·	
- 050		
State of MA)	
County of Hampden)ss:)	
On this <u>I</u> day of <u>Quarter</u> came Rudolf Gilmanshin, to executed the foregoing instru	me known to be the	_, 2016 before me personally individual described in and who d execution of the same.
amus L		NNIFER L. BOUCHES
Notary Public) , ,	Motary Public Motary Public MONWEALTH OF MASSACHUSETS Ommission Expires Try 4, 2022
Seal	&oos. sv	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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	1. MT 44	

Signed at the City of Wilbaha	State of <u>M4</u>
on this 19 day of Quant	, 2016.
Bart Lipkens	
/	
State of MA) }
County of Hampdon)ss:)
On this \(\bullet \) day of \(\text{	, 2016 before me personally he individual described in and who executed the
foregoing instrument, and acknowledged	d execution of the same.
Janusia Kon h.	
Notary Public	
Seal	

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RECORDED: 06/21/2016

PATENT REEL: 038971 FRAME: 0030