506946686 10/28/2021 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY	' DATA			
Name			Execution Date	
WOLFGANG MANFRED LOEW			05/07/2019	
CHARLES LUCIAN DUMOULIN			03/27/2019	
Street Address: City:	3333 BURNET AVE.			
Name: Street Address:	CHILDREN'S HOSPITAL MEDICAL CENTER 3333 BURNET AVE.			
-	OHIO			
State/Country:				
State/Country: Postal Code:	45229			
Postal Code:	45229			
Postal Code: PROPERTY NUMBE	45229 RS Total: 1			
Postal Code:	45229 RS Total: 1	Number]	

CORRESPONDENCE DATA

	` '	36-8453 -mail address first; if that is unsuccessful, it will be sent				
		at is unsuccessful, it will be sent via US Mail.				
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Email:	innovation.ventures_patents@cchmc.org					
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ATTORNEY DOCKET NUMBER:		2017-1101C1				
NAME OF SUBMITTER:		LORETTA SHIRK				
SIGNATURE:		/Loretta Shirk/				
DATE SIGNED:		10/28/2021				
Total Attachments: 8	-					
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ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS, Wolfgang Manfred Loew, a citizen of Germany, residing at 3572 Saint Charles Place, Cincinnati, OH 45208; Charles Lucian Dumoulin, a citizen of The United States of America, residing at 4039 Rose Hill Ave., Cincinnati, OH 45229 (hereinafter referred to collectively as "ASSIGNOR"), have invented Asymmetrical Birdcage Design for Homogeneous Excitation, for which an application for Letters Patent of the United States has been filed as Serial No. 62/683,252, filed on 6/11/2018; and

WHEREAS, Children's Hospital Medical Center, d/b/a Cincinnati Children's Hospital Medical Center, a non-profit corporation duly organized and existing under the laws of the State of Ohio, located at 3333 Burnet Avenue, Cincinnati, Ohio 45229-3039 (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers and sets over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals, and continuations thereof, and all patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all Patents of the United States which may be granted thereon and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models and designs, which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals, reexaminations and reissues thereof;

ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR HEREBY grants the ASSIGNEE, its successors, legal representatives and assigns, the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

ASSIGNOR HEREBY covenants and agrees that he/she has full rights to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR HEREBY further covenants and agrees that he/she will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to them respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

(Signatures begin on next page)

Docket No.: 2017-1101a Patent Serial No.: 62/683,252

07 May 2019

Wolfgang Manfred Loew

Date

STATE OF $\underline{\Theta h}$) SS: COUNTY OF Hamilton) Sworn to and subscribed before me this $\frac{\gamma t}{M}$ day of \underline{M} 2019. - Bidderph Notary Public MELODY L. BIDDULPH Notary Public, State of Ohio My Commission Expires 03-13-2024 Charles Lucian Dumoulin Date STATE OF _____) SS: COUNTY OF _____ Sworn to and subscribed before me this _____ day of ______,

Notary Public

Page 3 of 3

Agreed to and accepted:

513-2019

Ipr. Margaret K. Hostetter, MD Date Chairman of Pediatrics, Children's Hospital Medical Center

STATE OF OHIO SS: COUNTY OF HAMILTON

Before me, a Notary Public in and for said State, personally appeared the above named <u>Dr.</u> <u>Margaret K. Hostetter</u> who acknowledged that <u>she</u> did sign the foregoing instrument and that the same is her free act and deed.

In Testimony Whereof, I have hereunto affixed my name and official seal at Cincinnati, OH, this 13^{20} day of $477a_{44}$, 2019.

Notary Public (Print or Stamp Name)



ASSIGNMENT OF INVENTION AND PATENT RIGHTS

WHEREAS, Wolfgang Manfred Loew, a citizen of Germany, residing at 3572 Saint Charles Place, Cincinnati, OH 45208; Charles Lucian Dumoulin, a citizen of The United States of America, residing at 4039 Rose Hill Ave., Cincinnati, OH 45229 (hereinafter referred to collectively as "ASSIGNOR"), have invented Asymmetrical Birdcage Design for Homogeneous Excitation, for which an application for Letters Patent of the United States has been filed as Serial No. 62/683,252, filed on 6/11/2018; and

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ASSIGNOR HEREBY authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

ASSIGNOR HEREBY grants the ASSIGNEE, its successors, legal representatives and assigns, the power to insert in this Assignment any further identification or information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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Page 1 of 3

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(Signatures begin on next page)

Docket No.: 2017-1101a Patent Serial No.: 62/683,252

Wolfgang Manfred Loew	Date
STATE OF)) SS:)
Sworn to and subscribed befo	e me this day of,
	Notary Public
Charles Lucian Dumoulin	DL- 3/27/2019 Date
STATE OF <u>Ohio</u> COUNTY OF <u>Hamilton</u> Sworn to and subscribed befo) SS:) re me this $\frac{21^{\text{M}}}{\text{day of}}$ March,
3 <u>019</u>	Eileen O'Shauger Notary Public Elleen O'SHAUGHNESSY Notary Public, State of Ohio My Commission Expires 07-23-2023

Page 3 of 3

Agreed to and accepted:

4-2-2019

Dr. Margaret K. Hostetter, MD Date Chairman of Pediatrics, Children's Hospital Medical Center

STATE OF OHIO SS: COUNTY OF HAMILTON

Before me, a Notary Public in and for said State, personally appeared the above named <u>Dr.</u> <u>Margaret K. Hostetter</u> who acknowledged that <u>she</u> did sign the foregoing instrument and that the same is her free act and deed.

In Testimony Whereof, I have hereunto affixed my name and official seal at Cincinnati, OH, this day of Amil, 2019.



RECORDED: 10/28/2021