

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6950306

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZACKARY MARC MUMM	09/27/2021
CHRISTOPHER NELSON DAVIS	09/30/2021
MICHAEL M THORNTON	09/30/2021
JANG HWAN CHO	09/27/2021
RECEIVING PARTY DATA	
Name:	ENDRA LIFE SCIENCES INC.
Street Address:	3600 GREEN COURT, SUITE 350
City:	ANN ARBOR
State/Country:	MICHIGAN
Postal Code:	48105
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17230480
CORRESPONDENCE DATA	
Fax Number:	
<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:	7343588039
Email:	sjelic@endrainc.com
Correspondent Name:	STANLEY EMIL JELIC
Address Line 1:	3600 GREEN COURT, SUITE 350
Address Line 4:	ANN ARBOR, MICHIGAN 48105
ATTORNEY DOCKET NUMBER:	E057GRND1NPUS
NAME OF SUBMITTER:	STANLEY EMIL JELIC
SIGNATURE:	/STANLEY EMIL JELIC, REG. NO. 61,394/
DATE SIGNED:	10/04/2021
Total Attachments: 4	
source=E057Grnd1NPUS-ASSN-CD-signed#page1.tif	
source=E057Grnd1NPUS-ASSN-JC-signed#page1.tif	
source=E057Grnd1NPUS-ASSN-MT-signed#page1.tif	

Assignment of Invention and Patent Rights

For value received, Christopher Nelson Davis of Ann Arbor, Michigan (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ENDRA Life Sciences Inc. of Ann Arbor, Michigan and his or her successors or assigns (hereinafter ASSIGNEE), 100% of the following:

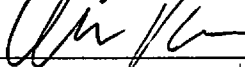


1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Non-Provisional Utility Patent Application Number 17/230,480 filed 14APRIL2021;
2. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Provisional Utility Patent Application Number 63/013,476 filed 21APRIL2020;
3. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
4. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

ASSIGNOR also authorizes and requests the USPTO to issue any resulting patent(s) as follows: 0% to ASSIGNOR and 100% to ASSIGNEE. (The singular shall include the plural and vice versa herein.)

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, the above percentage of ASSIGNOR'S entire right, title, and interest in and to said invention in all countries foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE the above percentage of all priority rights resulting from the above-identified application for United States patent.

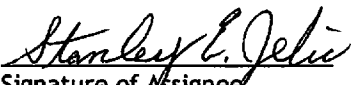
ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to perfect ASSIGNEE'S interest in any patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

In testimony whereof ASSIGNOR has signed as given below.

Signature <u></u>	Date <u>Sept. 30 2021</u>
Witnessed by: Signature <u></u>	Date <u>Sept. 30 2021</u>
Witnessed by: Signature <u></u>	Date <u>Sept. 30 2021</u>

DECLARATION OF ACCEPTANCE

I hereby agree to the afore-mentioned assignment.


Signature of Assignee

Stanley E. Jelic
Printed Name

Manager: Intellectual Property
Title

30 SEP 2021
Date

Assignment of Invention and Patent Rights

For value received, Jang Hwan Cho of Ann Arbor, Michigan (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ENDRA Life Sciences Inc. of Ann Arbor, Michigan and his or her successors or assigns (hereinafter ASSIGNEE), 100% of the following:

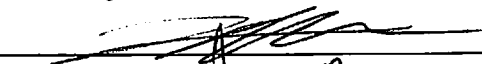
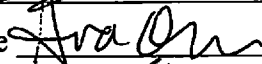
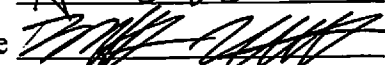
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Non-Provisional Utility Patent Application Number 17/230,480 filed 14APRIL2021;
2. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Provisional Utility Patent Application Number 63/013,476 filed 21APRIL2020;
3. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
4. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

ASSIGNOR also authorizes and requests the USPTO to issue any resulting patent(s) as follows: 0% to ASSIGNOR and 100% to ASSIGNEE. (The singular shall include the plural and vice versa herein.)

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, the above percentage of ASSIGNOR'S entire right, title, and interest in and to said invention in all countries foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE the above percentage of all priority rights resulting from the above-identified application for United States patent.

ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to perfect ASSIGNEE'S interest in any patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

In testimony whereof ASSIGNOR has signed as given below.

Signature		Date	<u>27 SEP 2021</u>
Witnessed by: Signature		Date	<u>27-SEP-2021</u>
Witnessed by: Signature		Date	<u>27-SEP-2021</u>

DECLARATION OF ACCEPTANCE

I hereby agree to the afore-mentioned assignment.


Signature of Assignee

Stanley E. Jelic
Printed Name

Manager: Intellectual Property
Title

27 SEP 2021
Date

Assignment of Invention and Patent Rights

For value received, Michael M. Thornton of London, Ontario, Canada (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ENDRA Life Sciences Inc. of Ann Arbor, Michigan and his or her successors or assigns (hereinafter ASSIGNEE), 100% of the following:

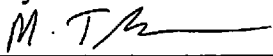
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Non-Provisional Utility Patent Application Number 17/230,480 filed 14APRIL2021;
2. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Provisional Utility Patent Application Number 63/013,476 filed 21APRIL2020;
3. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
4. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

ASSIGNOR also authorizes and requests the USPTO to issue any resulting patent(s) as follows: 0% to ASSIGNOR and 100% to ASSIGNEE. (The singular shall include the plural and vice versa herein.)

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, the above percentage of ASSIGNOR'S entire right, title, and interest in and to said invention in all countries foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE the above percentage of all priority rights resulting from the above-identified application for United States patent.

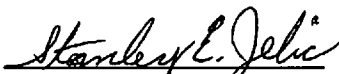
ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to perfect ASSIGNEE'S interest in any patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

In testimony whereof ASSIGNOR has signed as given below.

Signature  Date Sept 30, 2021
Witnessed by: Signature _____ Date _____
Witnessed by: Signature _____ Date _____

DECLARATION OF ACCEPTANCE

I hereby agree to the afore-mentioned assignment.

 Stanley E. Jelic Manager: Intellectual Property 30 SEP 2021
Signature of Assignee Printed Name Title Date

Assignment of Invention and Patent Rights

For value received, Zackary Marc Mumm of Royal Oak, Michigan (hereinafter ASSIGNOR), hereby sells, assigns, transfers, and sets over unto ENDRA Life Sciences Inc. of Ann Arbor, Michigan and his or her successors or assigns (hereinafter ASSIGNEE), 100% of the following:

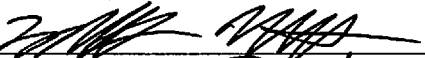
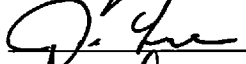
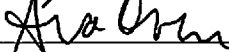
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Non-Provisional Utility Patent Application Number 17/230,480 filed 14APRIL2021;
2. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC TRANSDUCER WITH INTEGRATED SWITCH", USPTO Provisional Utility Patent Application Number 63/013,476 filed 21APRIL2020;
3. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
4. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

ASSIGNOR also authorizes and requests the USPTO to issue any resulting patent(s) as follows: 0% to ASSIGNOR and 100% to ASSIGNEE. (The singular shall include the plural and vice versa herein.)

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto ASSIGNEE, the above percentage of ASSIGNOR'S entire right, title, and interest in and to said invention in all countries foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE the above percentage of all priority rights resulting from the above-identified application for United States patent.

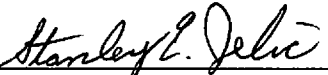
ASSIGNOR agrees to execute all papers, give any required testimony, and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to perfect ASSIGNEE'S interest in any patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

In testimony whereof ASSIGNOR has signed as given below.

Signature <u></u>	Date <u>27-SEP-2021</u>
Witnessed by: Signature <u></u>	Date <u>27-Sep-2021</u>
Witnessed by: Signature <u></u>	Date <u>27-Sep-2021</u>

DECLARATION OF ACCEPTANCE

I hereby agree to the afore-mentioned assignment.


Signature of Assignee

Stanley E. Jelic
Printed Name

Manager: Intellectual Property
Title

27 SEP 2021
Date