

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5845059

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL M THORNTON	11/30/2019
RICHARD MOSS	02/15/2019
VICTOR MOTOV	02/14/2019
AMY L SITZLER	02/14/2019
DMITRY V VASILENKO	02/15/2019
SCOTT PATRICK BELANGER	05/23/2019
CHRISTINE PARK	02/15/2019
LAURA KARIK	02/19/2019
MARTIN LEANDRO PAR	02/15/2019
NATHAN JOHN MULLER	02/14/2019
NIGEL ANTHONY SYROTUCK	02/19/2019
TIMOTHY SANG-OOK PARK	02/14/2019
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: 2	
Property Type	Number
Application Number:	29679817
Application Number:	29679818
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

PATENT

Address Line 4:		ANN ARBOR, MICHIGAN 48105
ATTORNEY DOCKET NUMBER:		E020FLIP3-E020FLIP4
NAME OF SUBMITTER:		STANLEY EMIL JELIC
SIGNATURE:		/STANLEY EMIL JELIC, REG. NO. 61,394/
DATE SIGNED:		12/02/2019
Total Attachments: 24 source=E020Flip3DPUS-ASSN-signed#page1.tif source=E020Flip3DPUS-ASSN-signed#page2.tif source=E020Flip3DPUS-ASSN-signed#page3.tif source=E020Flip3DPUS-ASSN-signed#page4.tif source=E020Flip3DPUS-ASSN-signed#page5.tif source=E020Flip3DPUS-ASSN-signed#page6.tif source=E020Flip3DPUS-ASSN-signed#page7.tif source=E020Flip3DPUS-ASSN-signed#page8.tif source=E020Flip3DPUS-ASSN-signed#page9.tif source=E020Flip3DPUS-ASSN-signed#page10.tif source=E020Flip3DPUS-ASSN-signed#page11.tif source=E020Flip3DPUS-ASSN-signed#page12.tif source=E020Flip4DPUS-ASSN-signed#page1.tif source=E020Flip4DPUS-ASSN-signed#page2.tif source=E020Flip4DPUS-ASSN-signed#page3.tif source=E020Flip4DPUS-ASSN-signed#page4.tif source=E020Flip4DPUS-ASSN-signed#page5.tif source=E020Flip4DPUS-ASSN-signed#page6.tif source=E020Flip4DPUS-ASSN-signed#page7.tif source=E020Flip4DPUS-ASSN-signed#page8.tif source=E020Flip4DPUS-ASSN-signed#page9.tif source=E020Flip4DPUS-ASSN-signed#page10.tif source=E020Flip4DPUS-ASSN-signed#page11.tif source=E020Flip4DPUS-ASSN-signed#page12.tif		

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 IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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>M. Thornton</u>	Date <u>Nov 30 / 19</u>
Witnessed by: Signature <u>[Signature]</u>	Date <u>30-Nov-2019</u>
Witnessed by: Signature <u>[Signature]</u>	Date <u>30 November 2019</u>

Assignment of Invention and Patent Rights

For value received, Richard Moss of Highland Park, Illinois (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:

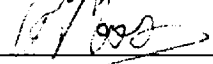
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
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3. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

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In testimony whereof ASSIGNOR has signed as given below.

Signature <u></u>	Date <u>February 15, 2019</u>
Witnessed by: Signature _____	Date _____
Witnessed by: Signature _____	Date _____

Assignment of Invention and Patent Rights

For value received, Victor Motov of Ypsilanti, 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:

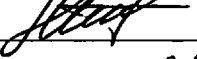
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. any applications 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>02/14/2019</u>
Witnessed by: Signature	<u></u>	Date	<u>2/14/2019</u>
Witnessed by: Signature	_____	Date	_____

Assignment of Invention and Patent Rights

For value received, Amy L. Sitzler of Chelsea, 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 IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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>14 February 2019</u>
Witnessed by: Signature		Date	<u>2/14/2019</u>
Witnessed by: Signature	_____	Date	_____

Assignment of Invention and Patent Rights

For value received, Dmitry V. Vasilenko 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:

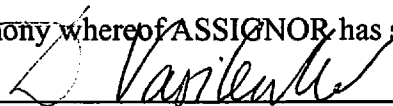
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. any applications 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 Feb 15, 2019

Witnessed by: Signature _____ Date _____

Witnessed by: Signature _____ Date _____

Assignment of Invention and Patent Rights

For value received, Scott Patrick Belanger of Saline, 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
IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817,
 filed 11FEB2019;
 2 any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
 3 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 *Scott Belanger* Date 23/05/2019
 Witnessed by: Signature _____ Date _____
 Witnessed by: Signature _____ Date _____

Assignment of Invention and Patent Rights

For value received, Christine Park of Victoria, British Columbia, 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 IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

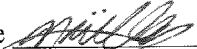
ASSIGNOR also authorizes and requests the USPTO to issue any resulting patent(s) as follows: 0% to ASSIGNOR and 100% to ASSIGNEE. (The singular shall include the plural and vice versa herein.)


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 Feb 15th 2019

Witnessed by: Signature  Nathan Miller Date Feb. 15, 2019

Witnessed by: Signature  Nigel Sydnor Date Feb 15, 2019

Assignment of Invention and Patent Rights

For value received, Laura Karik of Mississauga, 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 IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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 L. Karik

Date 02/19/2019

Witnessed by: Signature Borkon

Date 02/19/2019

Witnessed by: Signature [Signature]

Date 02/19/2019

Assignment of Invention and Patent Rights

For value received, Martin Leandro Par of Toronto, 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:


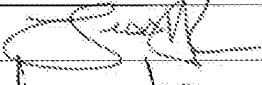
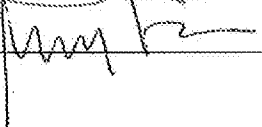
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

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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	2019 FEB 15
Witnessed by: Signature		Date	15 Feb 2019
Witnessed by: Signature		Date	2019- FEB - 15

Assignment of Invention and Patent Rights

For value received, Nathan John Muller of Victoria, British Columbia, 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 IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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.)

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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>[Signature]</u>	Date <u>Feb. 14, 2019</u>
Witnessed by: Signature <u>[Signature]</u>	Date <u>Feb. 14, 2019</u>
Witnessed by: Signature <u>[Signature]</u>	Date <u>Feb. 14, 2019</u>

Assignment of Invention and Patent Rights

For value received, Nigel Anthony Syrotuck of Victoria, British Columbia, 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 IMAGING PROBE", USPTO Non-Provisional Design Patent Application Number 29/679,817, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
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In testimony whereof ASSIGNOR has signed as given below.

Signature	<u></u>	Date	<u>Feb 19, 2019</u>
Witnessed by: Signature	<u></u>	Date	<u>19 Feb, 2019</u>
Witnessed by: Signature	<u></u>	Date	<u>Feb. 19, 2019</u>

Assignment of Invention and Patent Rights

For value received, Timothy Sang-Ook Park of Toronto, 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:

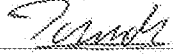
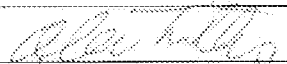
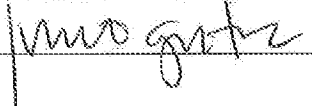
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3. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

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In testimony whereof ASSIGNOR has signed as given below.

Signature	<u></u>	Date	<u>2019-FEB-14</u>
Witnessed by: Signature	<u></u>	Date	<u>2019-FEB-14</u>
Witnessed by: Signature	<u></u>	Date	<u>2019-FEB-14</u>

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 IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. any applications which are continuations, continuations-in-part, substitutes, or divisions of said application.

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In testimony whereof ASSIGNOR has signed as given below.

Signature <u>M. Thornton</u>	Date <u>Nov 30/19</u>
Witnessed by: Signature <u>[Signature]</u>	Date <u>30-Nov-2019</u>
Witnessed by: Signature <u>[Signature]</u>	Date <u>20 November 2019</u>

Assignment of Invention and Patent Rights

For value received, Richard Moss of Highland Park, Illinois (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:

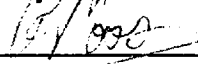
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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>February 15, 2019</u>
Witnessed by: Signature _____	Date _____
Witnessed by: Signature _____	Date _____

Assignment of Invention and Patent Rights

For value received, Victor Motov of Ypsilanti, 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 IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
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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>02/14/2019</u>
Witnessed by: Signature		Date	<u>2/14/2019</u>
Witnessed by: Signature	_____	Date	_____

Assignment of Invention and Patent Rights

For value received, Amy L. Sitzler of Chelsea, 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 IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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>14 February 2019</u>
Witnessed by: Signature		Date	<u>2/14/2019</u>
Witnessed by: Signature	_____	Date	_____

Assignment of Invention and Patent Rights

For value received, Dmitry V. Vasilenko 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 IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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 Feb 15, 2019

Witnessed by: Signature _____ Date _____

Witnessed by: Signature _____ Date _____

Assignment of Invention and Patent Rights

For value received, Scott Patrick Belanger of Saline, 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 IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
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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.

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In testimony whereof ASSIGNOR has signed as given below.

Signature  Date 23/05/2019
Witnessed by: Signature _____ Date _____
Witnessed by: Signature _____ Date _____

Assignment of Invention and Patent Rights

For value received, Christine Park of Victoria, British Columbia, 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 IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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 Feb 15th 2019

Witnessed by: Signature  Nathan Miller Date Feb. 15, 2019

Witnessed by: Signature  Nigel Synnott Date Feb 15, 2019

Assignment of Invention and Patent Rights

For value received, Nigel Anthony Syrotuck of Victoria, British Columbia, 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:

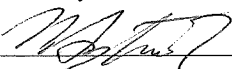


1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
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ASSIGNOR also authorizes and requests the USPTO 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>Feb 14, 2019</u>
Witnessed by: Signature		Date	<u>19 Feb. 2019</u>
Witnessed by: Signature		Date	<u>Feb. 19, 2019</u>

Assignment of Invention and Patent Rights

For value received, Martin Leandro Par of Toronto, 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:

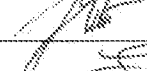
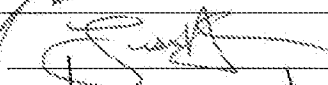
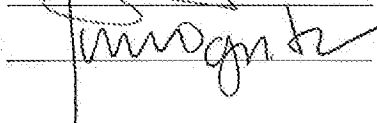
1. ASSIGNOR'S right, title, and interest in and to the invention entitled "THERMOACOUSTIC IMAGING PROBE WITH OUTDENTS", USPTO Non-Provisional Design Patent Application Number 29/679,818, filed 11FEB2019;
2. any patent or any reissues of any patent, foreign or domestic, that may be granted thereon; and
3. 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>2019 FEB 15</u>
Witnessed by: Signature		Date	<u>15 Feb 2019</u>
Witnessed by: Signature		Date	<u>2019 - FEB - 15</u>

Assignment of Invention and Patent Rights

For value received, Timothy Sang-Ook Park of Toronto, 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:

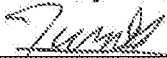
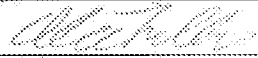
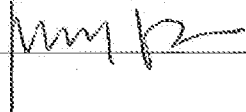
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In testimony whereof ASSIGNOR has signed as given below.

Signature	<u></u>	Date	<u>2019-FEB-14</u>
Witnessed by: Signature	<u></u>	Date	<u>2019-FEB-14</u>
Witnessed by: Signature	<u></u>	Date	<u>2019-FEB-14</u>

Assignment of Invention and Patent Rights

For value received, Nathan John Muller of Victoria, British Columbia, 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:

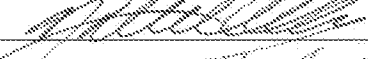
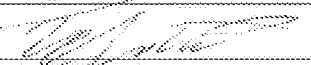
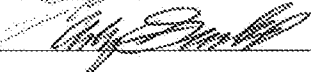
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In testimony whereof ASSIGNOR has signed as given below.

Signature <u></u>	Date <u>Feb. 14, 2019</u>
Witnessed by: Signature <u></u>	Date <u>Feb 14, 2019</u>
Witnessed by: Signature <u></u>	Date <u>Feb. 14, 2019</u>

Assignment of Invention and Patent Rights

For value received, Laura Karik of Mississauga, 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:

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In testimony whereof ASSIGNOR has signed as given below.

Signature L Karik

Date 02/19/2019

Witnessed by: Signature Barkon

Date 02/19/2019

Witnessed by: Signature J. J.

Date 02/19/2019