

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3447041

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
CELLERATION, INC.		07/21/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALLIQUA BIOMEDICAL, INC.	
<b>Street Address:</b>	2150 CABOT BLVD WEST	
<b>City:</b>	LANGHORNE	
<b>State/Country:</b>	PENNSYLVANIA	
<b>Postal Code:</b>	19047	
<b>PROPERTY NUMBERS Total: 24</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	6964647	
Patent Number:	6533803	
Patent Number:	6761729	
Patent Number:	6601581	
Patent Number:	6960173	
Patent Number:	6478754	
Patent Number:	6663554	
Application Number:	60401685	
Patent Number:	6569099	
Patent Number:	8235919	
Patent Number:	7914470	
Patent Number:	6623444	
Patent Number:	6723064	
Application Number:	60878621	
Patent Number:	8491521	
Application Number:	60693560	
Patent Number:	7713218	
Patent Number:	7785277	
Application Number:	61135741	
Application Number:	61909086	

PATENT

Property Type	Number
Application Number:	14546808
Patent Number:	D733321
Patent Number:	D733319
Application Number:	12228331

#### **CORRESPONDENCE DATA**

**Fax Number:** (612)349-9266

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<b>ATTORNEY DOCKET NUMBER:</b>	4811.000001
<b>NAME OF SUBMITTER:</b>	AUBRE RABE
<b>SIGNATURE:</b>	/AUBRE RABE/
<b>DATE SIGNED:</b>	07/21/2015

#### **Total Attachments: 6**

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## ASSIGNMENT

WHEREAS, Celleration, Inc. ("Assignor"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 6321 Bury Drive, Suite 15, Eden Prairie, MN 55346, was the registered owner and assignee of the patents and patent applications identified in Schedule A ("said patents and patent applications");

WHEREAS, Alliqua BioMedical, Inc. ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 2150 Cabot Blvd West, Langhorne, PA 19047, is desirous of acquiring the entire right, title and interest in and to said patents and patent applications and in, to, and under any and all Letters Patents to be obtained therefor;

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged by me, effective May 29, 2015, Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the said Assignee, its successors and assigns, its entire right, title and interest in and to said patents and patent applications, renewals thereof, and the Letters Patents, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of said patents and patent applications including all of its rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignor if this assignment had not been made, and Assignor does hereby authorize and request the Commissioner of Patents to issue said Letters Patents to the above mentioned Assignee in accordance herewith.

Assignor further authorizes said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any of said patents and patent applications and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration Assignor does hereby covenant and agree with the said Assignee, its successors and assigns, that Assignor will not execute in writing or do any act whatsoever conflicting with these presents, and that Assignor or its executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patents of the United States, or of any and all foreign countries on the inventions of said patents and patent applications, and in enforcing any rights occurring as a result of said patents or patent applications, by giving testimony in any proceedings or transactions involving said patents or patent applications.

ASSIGNOR: Celleration, Inc.

Date: 21 July 2015

Signature

Douglas Duction

Name Printed or Typed

Vice President R&D

Title

Subscribed to and sworn to before  
me this 21<sup>st</sup> day of July, 2015

Julie Magee  
Notary Public

Notary Seal



SCHEDULE A

U.S. PATENTS & PATENT APPLICATIONS

<u>Attorney Docket No.</u>	<u>Patent No./ Application No.</u>	<u>Issue Date/ Filing Date</u>	<u>Title</u>
4311.01-US-01	6,964,647	November 15, 2005	NOZZLE FOR ULTRASOUND WOUND TREATMENT
4311.02-US-01	6,533,803	March 18, 2003	WOUND TREATMENT METHOD AND DEVICE WITH COMBINATION OF ULTRASOUND AND LASER ENERGY
4311.02-US-02	6,761,729	July 13, 2004	WOUND TREATMENT METHOD AND DEVICE WITH COMBINATION OF ULTRASOUND AND LASER ENERGY
4311.03-US-01	6,601,581	August 5, 2003	METHOD AND DEVICE FOR ULTRASOUND DRUG DELIVERY
4311.04-US-01	6,960,173	November 1, 2005	ULTRASOUND WOUND TREATMENT METHOD AND DEVICE USING STANDING WAVES
4311.05-US-01	6,478,754	November 12, 2002	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.05-US-02	6,663,554	December 16, 2003	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.06-US-01	60/401,685	August 7, 2002	ULTRASOUND WOUND DEBRIDEMENT
4311.06-US-03	12/228,331	August 12, 2008	DEVICE AND METHOD FOR ULTRASOUND WOUND DEBRIDEMENT
4311.07-US-01	6,569,099	May 27, 2003	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07-US-02	8,235,919	August 7, 2012	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07-US-03	7,914,470	March 29, 2011	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.08-US-01	6,623,444	September 23, 2003	ULTRASONIC CATHETER DRUG DELIVERY METHOD AND DEVICE
4311.08-US-02	6,723,064	April 20, 2004	ULTRASONIC CATHETER DRUG DELIVERY METHOD AND DEVICE

SCHEDULE A (Cont.)

<u>Attorney Docket No.</u>	<u>Patent No./ Application No.</u>	<u>Issue Date/ Filing Date</u>	<u>Title</u>
4311.09-US-01	60/878,621	January 4, 2007	REMOVABLE MULTICHANNEL APPLICATOR NOZZLE
4311.09-US-03	8,491,521	July 23, 2013	REMOVABLE MULTI-CHANNEL APPLICATOR NOZZLE
4311.13-US-01	60/693,560	June 23, 2005	REMOVABLE APPLICATOR NOZZLE FOR ULTRASOUND WOUND THERAPY DEVICE
4311.13-US-02	7,713,218	May 11, 2010	NOZZLE FOR ULTRASOUND WOUND THERAPY DEVICE
4311.13-US-03	7,785,277	August 31, 2010	REMOVABLE APPLICATOR NOZZLE FOR ULTRASOUND WOUND THERAPY DEVICE
4311.14-US-01	61/135,741	July 22, 2008	METHODS OF SKIN GRAFTING USING ULTRASOUND
4311.44-US-01P1	61/909,086	November 26, 2013	SYSTEMS AND METHODS FOR PRODUCING AND DELIVERING ULTRASONIC THERAPIES FOR WOUND TREATMENT AND HEALING
4311.44-US-02	14/546,808	November 18, 2014	SYSTEMS AND METHODS FOR PRODUCING AND DELIVERING ULTRASONIC THERAPIES FOR WOUND TREATMENT AND HEALING
4311.45-US-01	D733,321	June 30, 2015	ULTRASONIC TREATMENT DEVICE
4311.46-US-01	D733,319	June 30, 2015	ULTRASONIC TREATMENT WAND

# SCHEDULE A (Cont.)

## NON-U.S. PATENTS & PATENT APPLICATIONS

<u>Attorney Docket No.</u>	<u>Patent No./ Application No.</u>	<u>Issue Date/ Filing Date</u>	<u>Title</u>
4311.04DEWOEP	1355696	May 13, 2009	ULTRASOUND WOUND TREATMENT METHOD AND DEVICE USING STANDING WAVES
4311.04FRWOEP	1355696	May 13, 2009	ULTRASOUND WOUND TREATMENT METHOD AND DEVICE USING STANDING WAVES
4311.04GBWOEP	1355696	May 13, 2009	ULTRASOUND WOUND TREATMENT METHOD AND DEVICE USING STANDING WAVES
4311.04JPWO	4164582	August 8, 2008	ULTRASOUND WOUND TREATMENT METHOD AND DEVICE USING STANDING WAVES
4311.06CAWO	2463600	November 27, 2007	DEVICE AND METHOD FOR ULTRASOUND WOUND DEBRIDEMENT
4311.07CAWO02	2,521,117	June 12, 2012	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07CNWO	ZL01816263.0	February 3, 2010	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07DEWOEP	1322275	January 9, 2013	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07EPWO02	04749758.1	April 5, 2004	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07FRWOEP	1322275	January 9, 2013	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07GBWOEP	1322275	January 9, 2013	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT

SCHEDULE A (Cont.)

<u>Attorney Docket No.</u>	<u>Patent No./ Application No.</u>	<u>Issue Date/ Filing Date</u>	<u>Title</u>
4311.07INWO	2003 207058	May 21, 2007	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07INWO02	2005 228689	February 9, 2009	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.07SGWO	95385	March 31, 2006	ULTRASONIC METHOD AND DEVICE FOR WOUND TREATMENT
4311.08CAWO	2448808	December 9, 2008	ULTRASONIC CATHETER DRUG DELIVERY METHOD AND DEVICE
4311.08DEWOEP	1370321	August 6, 2008	ULTRASONIC CATHETER DRUG DELIVERY METHOD AND DEVICE
4311.08FRWOEP	1370321	August 6, 2008	ULTRASONIC CATHETER DRUG DELIVERY METHOD AND DEVICE
4311.08GBWOEP	1370321	August 6, 2008	ULTRASONIC CATHETER DRUG DELIVERY METHOD AND DEVICE
4311.13EPWO	06774023.3	June 23, 2006	REMOVABLE APPLICATOR NOZZLE FOR ULTRASOUND WOUND THERAPY DEVICE
4311.13HKWOEP	08108791.6	June 23, 2006	REMOVABLE APPLICATOR NOZZLE FOR ULTRASOUND WOUND THERAPY DEVICE
4311.44WO01	PCT/US2014/066159	November 18, 2014	SYSTEMS AND METHODS FOR PRODUCING AND DELIVERING ULTRASONIC THERAPIES FOR WOUND TREATMENT AND HEALING