

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

Assignment ID: PATI735309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
BIOPROTONICS, INC.	01/01/2025
RECEIVING PARTY DATA	
Individual Name:	Daniel R. Doiron
Street Address:	P.O. Box 1029
City:	Santa Ynez
State/Country:	CALIFORNIA
Postal Code:	93460
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	9366738
Patent Number:	10955503
Application Number:	17308266
Application Number:	17577098
CORRESPONDENCE DATA	
Fax Number:	8059663320
<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:	8059662440
Email:	lvelez@rppmh.com,lcantero@rppmh.com
Correspondent Name:	Russell D Terry
Address Line 1:	1421 State Street, Suite B
Address Line 2:	805-966-3320
Address Line 4:	Santa Barbara, CALIFORNIA 93101
NAME OF SUBMITTER:	NICHOLAS BEHRMAN
SIGNATURE:	NICHOLAS BEHRMAN
DATE SIGNED:	01/06/2025
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 11	
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RELEASE OF PATENT SECURITY INTEREST

This RELEASE OF PATENT SECURITY INTEREST ("Release") is made and effective as of December 31, 2024 and granted by DANIEL R. DOIRON, in its capacity as "Collateral Agent" (in such capacity, the "Collateral Agent") for the persons and entities listed as "Creditors" on Schedule 1 to that certain Intercreditor Agreement, dated September 14, 2022, by and among the Collateral Agent and such Creditors, as amended from time to time (such Creditors collectively, "Secured Parties," and each individually, a "Secured Party"), in favor of BIOPROTONICS, INC., a Delaware corporation ("Debtor").

RECITALS

A. Pursuant to that certain Convertible Note Purchase Agreement, dated September 14, 2022, by and among Debtor and the "Investors" named on Exhibit A thereto, as amended from time to time (the "Purchase Agreement"), Debtor issued certain certain Convertible Secured Promissory Notes in the aggregate maximum principal amount of \$2,500,000 (collectively, the "Notes").

B. As an inducement to the Investors (each of whom or which is a Secured Party) to accept the Notes, Debtor granted to Secured Parties a first-priority lien in Debtor's assets, including its patents, to secure the Notes, pursuant to that certain Security Agreement, dated September 14, 2022 (the "Security Agreement").

C. The first-priority lien in Debtor's patents was secured pursuant that that certain Patent Security Agreement, dated September 14, 2022, by Debtor in favor of the Collateral Agent, which was recorded with the United States Patent and Trademark Office at Reel 061186, Frame 0227 on September 22, 2022 (the "Patent Security Agreement" and, together with the Security Agreement, the "Security Agreements").

D. Debtor's obligations under the Notes have been extinguished and Debtor has requested that the Collateral Agent enter into this Release in order to effectuate, evidence and record the release and reassignment to Debtor of any and all right, title and interest the Collateral Agent and the Secured Parties may have in the Patent Collateral pursuant to the Security Agreements.

AGREEMENTS

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Collateral Agent hereby states as follows:

1. Release of Security Interest. Collateral Agent, on behalf of itself and the Secured Parties, their successors, legal representatives and assigns, hereby terminates the Patent Security Agreement and terminates, releases and discharges any and all security interests that it has pursuant to the Security Agreements in any and all right, title and interest of Debtor, and reassigns to Debtor any and all right, title and interest that it may have, in, to and under the following (collectively, the "Patent Collateral"):

(a) any and all patents, patent applications and other patent rights and any other governmental authority-issued indicia of invention ownership, including the patents and patent applications listed in Schedule 1 hereto, and all reissues, divisions, continuations, continuations-in-part, renewals, extensions and reexaminations thereof and amendments thereto (the "Patents");

(b) all rights of any kind whatsoever of Debtor accruing under any of the foregoing provided by applicable law of any jurisdiction, by international treaties and conventions and otherwise throughout the world;

(c) any and all royalties, fees, income, payments and other proceeds now or hereafter due or payable with respect to any and all of the foregoing; and

(d) any and all claims and causes of action, with respect to any of the foregoing, whether occurring before, on or after the date hereof, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

2. Further Assurances. Collateral Agent agrees to take all further actions, and provide to Debtor and its successors, assigns and legal representatives all such cooperation and assistance, including, without limitation, the execution and delivery of any and all further documents or other instruments, as Debtor and its successors, assigns and legal representatives may reasonably request in order to confirm, effectuate or record this Release.

3. Governing Law. This Release and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this Release and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the United States and the State of Delaware, without giving effect to any choice or conflict of law provision or rule (whether of the State of Delaware or any other jurisdiction).

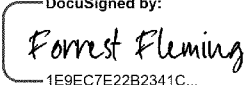
[Signature Page Follows]

IN WITNESS WHEREOF, Debtor and Collateral Agent has caused this Release of Patent Security Interest to be duly executed and delivered as of the date first above written.

DEBTOR

COLLATERAL AGENT

BIOPROTONICS, INC., a Delaware corporation

DocuSigned by:

By: _____
1E9EC7E22B2341C...
Name: Forrest Fleming
Title: Chief Executive Officer

DocuSigned by:

By: _____
E87434B9DE5648C...
Daniel R. Doiron

Address and Email for Notices:

Address and Email for Notices:

bioProtonics, Inc.
Attn: Chief Executive Officer
27 West Anapamu Street, Suite 353
Santa Barbara, California 93101

PO Box 1029
Santa Ynez, CA 93460

Email: d.doiron@bioprotonics.com

Email: f.fleming@bioprotonics.com

with a copy to:

Reicker, Pfau, Pyle & McRoy LLP
Attn: Russell Terry
1421 State Street, Suite B
Santa Barbara, California 93101

Email: rterry@rppmh.com

SCHEDULE 1
PATENTS AND PATENT APPLICATIONS

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
US	14/840,327	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015	Issued	US2016-0061917	3/3/2016	<u>US 9,366,738</u>	6/14/2016
PCT	PCTUS16/47676	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015		WO2016036643	3/10/2016		
Australia	AU20150312190	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015	Pending	AU2015312190	3/23/2017		
Australia	AU2021201998	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	3/31/2021	Pending	AU2021201998	4/29/2021		
Canada	CA20152959621	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015	Pending	CA2959621	3/10/2016		
China	CN20158053403	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015	Issued	CN106716167	5/24/2017	CN106716167(B)	3/12/2019

PATENT

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
Europe	EP20150837428	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015	Pending	EP3189345	7/12/2017		
Japan	JP2017-530978	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015	Issued	JP2017-526505	9/14/2017	JP6553723	7/12/2017
CIP1	15/167,828	METHOD FOR ASSESSING SPATIAL FREQUENCIES USING HYBRID SAMPLING WITH NON- ZERO GRADIENT FOR SELECTIVE SAMPLING	5/27/2016	Issued	2016274203	9/22/2016	<u>US 9,664,759</u>	5/30/2017
CIP2	15/288,974	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016	Issued	2017030986	2/2/2017	<u>US 9,664,760</u>	5/30/2017
PCT	PCT/US16/56147	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016		WO2017/062882	4/13/2017		

PATENT

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
Australia	AU20160334250	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016	Issued	AU2016334250	5/17/2018	AU2016334250	7/16/2020
Canada	CA20163000765	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016	Pending	CA3000765	4/13/2017		
China	CN20168071304	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016	Issued	CN108366753	8/3/2018	CN 108366753 B	6/7/2019
Europe	EP20160854502	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016	Pending	EP3359034	8/15/2018		
Japan	JP2018517540	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2018	Issued	JP2018529474	10/11/2018	JP 6906507	7/1/2021
CIP3	15/604,465	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	5/24/2017	Issued	2017261584	9/14/2017	<u>US 10,061,003</u>	8/28/2018

PATENT

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
Divisional from CIP3	16/044,393	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	7/24/2018	Allowed - issue fee paid - 16/044393 app #	<u>20180329009</u>	11/15/2018	US 10,330,763	06/25/201
PCT	PCT/US18/33727	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	5/21/2018		WO2018/217658	11/29/2018		
Canada	3064736	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	11/21/2019 (approx)	Pending				
Japan		SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	11/21/2019 (approx)	Pending				
Australia	2018273362	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	12/21/2019 (approx)	Pending				
Europe	18805648	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	12/21/2019 (approx)	Pending				
China	201880049872.3	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	12/21/2019 (approx)	Pending				

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TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
CON of CIP3	16/450,361	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	6/24/2019	Issued	US 20190310338 AI		US 11,175,363	11/16/2022
CIP4 (CIP of CIP3)	16/028,768	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY TO IDENTIFY THE CHEMICAL SPECIES OF VARIOUS TEXTURAL ELEMENTS IN A TARGETED REGION OF TISSUE	7/6/2018	Issued	2018313925	1/11/2018	<u>US 10,215,827</u>	2/26/2019
PCT	PCT/US18/41035	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY TO IDENTIFY CHEMICAL SPECIES OF COMPONENT TEXTURAL ELEMENTS IN A TARGETED REGION OF TISSUE	7/6/2018		WO2019010381	1/10/2019		
Japan		A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY TO IDENTIFY CHEMICAL SPECIES OF COMPONENT TEXTURAL ELEMENTS IN A TARGETED REGION OF TISSUE	1/2/20 (approx)	Pending				
Australia		A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY TO IDENTIFY CHEMICAL SPECIES OF COMPONENT TEXTURAL ELEMENTS IN A TARGETED REGION OF TISSUE	1/2/20 (approx)	Pending				

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TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
China		A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY TO IDENTIFY CHEMICAL SPECIES OF COMPONENT TEXTURAL ELEMENTS IN A TARGETED REGION OF TISSUE	1/2/20 (approx)	Pending	201880057425.2			
Europe		A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY TO IDENTIFY CHEMICAL SPECIES OF COMPONENT TEXTURAL ELEMENTS IN A TARGETED REGION OF TISSUE	1/2/20 (approx)	Pending	18829143.9			
US	16/689,761	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2019	Issued	US 2020/0088825	3/19/2020	US 10,955,503	3/23/21
PCT	PCT/US19/062435	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2019					
Australia	AU2019384147	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2019	Pending				

PATENT

REEL: 069760 FRAME: 0363

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
Canada	3120284	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2019	Pending				
China	CN201980088350.9	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2019	Pending	113272668			
Europe	EP19886585	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2019	Pending	3874288			
Japan	JP2021-527110	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2019	Pending				
US	17/308,266	METHODS TO FACILITATE AND GUIDE DATA ANALYSIS USING MR,tEXTURE AND METHOD OF APPLICATION OF MR,tEXTURE TO DIAGNOSIS OF COVID-19 AND OTHER MULTI-ORGAN DISEASES	5/5/2021	Pending	US 2021-0349169 A1	11/11/2021		

PATENT

REEL: 069760 FRAME: 0364

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
US	17/577,098	MAGNETIC-RESONANCE-BASED METHOD FOR MEASURING MICROSCOPIC HISTOLOGIC SOFT TISSUE TEXTURES	1/17/2022	Pending				
PCT	PCT/US2022/012662	MAGNETIC-RESONANCE-BASED METHOD FOR MEASURING MICROSCOPIC HISTOLOGIC SOFT TISSUE TEXTURES	1/17/2022	Pending				

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PATENT

REEL: 069760 FRAME: 0365

RECORDED: 01/06/2025