

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6901196

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST	
<b>CONVEYING PARTY DATA</b>		
<b>Name</b>		<b>Execution Date</b>
DANIEL R. DOIRON		08/04/2021
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	BIOPROTONICS, INC.	
<b>Street Address:</b>	27 W. ANAPAMU ST., STE. 353	
<b>City:</b>	SANTA BARBARA	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	93101	
<b>PROPERTY NUMBERS Total: 21</b>		
<b>Property Type</b>	<b>Number</b>	
Patent Number:	9366738	
Patent Number:	9664759	
Patent Number:	9664760	
Patent Number:	10061003	
Patent Number:	10215827	
Patent Number:	10330763	
Application Number:	16450361	
Application Number:	16689761	
Application Number:	62044321	
Application Number:	62064206	
Application Number:	62238121	
Application Number:	62302577	
Application Number:	62382695	
Application Number:	62403270	
Application Number:	62529104	
Application Number:	62635349	
Application Number:	62769666	
PCT Number:	US1841035	
PCT Number:	US1656147	
PCT Number:	US1647676	

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<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US1833727

  

**CORRESPONDENCE DATA**

**Fax Number:** (805)966-3320  
*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.*

**Phone:** 805-966-2440  
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**Correspondent Name:** RUSSELL D. TERRY  
**Address Line 1:** 1421 STATE STREET, SUITE B  
**Address Line 4:** SANTA BARBARA, CALIFORNIA 93101

<b>NAME OF SUBMITTER:</b>	DANIEL R. DOIRON
<b>SIGNATURE:</b>	/Daniel R. Doiron/
<b>DATE SIGNED:</b>	09/03/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 10**  
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## RELEASE OF PATENT SECURITY INTEREST

This RELEASE OF PATENT SECURITY INTEREST ("**Release**") is effective as of August 4, 2021 and granted by Daniel R. Doiron (the "**Collateral Agent**"), as collateral agent for the "**Creditors**" pursuant to the Intercreditor Agreement, dated March 24, 2020, by and among the "**Creditors**" identified therein (the "**Secured Parties**") and the Collateral Agent.

### RECITALS

A. Pursuant to that certain Convertible Note Purchase Agreement, dated March 24, 2020, as amended, bioProtonics, Inc., a Delaware corporation (the "**Debtor**") issued certain Convertible Secured Promissory Notes (the "**Notes**") to the Secured Parties.

B. The Notes are secured by a security interest in all of Debtor's assets, including Debtor's patents, pursuant to, among other things, a Security Agreement, dated March 24, 2020, by and among the Debtor and the Collateral Agent (the "**Master Security Agreement**") and a Patent Security Agreement, dated March 24, 2020, by and among the Debtor and the Collateral Agent (the "**Patent Security Agreement**") and, together with the Master Security Agreement, the "**Security Agreements**").

C. Pursuant to the Security Agreements, the Debtor pledged and granted to the Collateral Agent for the benefit of the Secured Parties a security interest in and to all of the right, title and interest of the Debtor in, to and under the Patent Collateral (as defined below).

D. The Patent Security Agreement was recorded with the United States Patent and Trademark Office at Reel 052214, Frame 0845 on March 24, 2020.

E. All of the Debtor's obligations under the Notes have been satisfied and the Debtor requested that the Collateral Agent enter into this Release in order to effectuate, evidence and record the release and reassignment to the 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 the Debtor, and reassigns to the 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 the 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 license and other agreements in which the Debtor has granted or is granted a license or other right under any Patent;

(d) 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

(e) 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 the 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 the 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**, Collateral Agent has caused this Release of Patent Security Interest to be duly executed and delivered as of the date first above written.

**COLLATERAL AGENT:**

DocuSigned by:

*Daniel R. Doiron*

E87434B9DE3048C...  
Daniel R. Doiron

*Address for Notices:*

PO Box 1029  
Santa Ynez, California 93460

Email: d.doiron@bioprotonics.com

SCHEDULE 1

PATENTS

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
US Provisional	62/044,321	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	9/1/2014					
US Provisional	62/064,206	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	10/15/2014					
US	14/840,327	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES	8/31/2015	Issued	US2016-0061917		US 9,366,738	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		
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

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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	Pending	JP2017-526505	9/14/2017		
US Provisional	62/238,121P	SELECTIVE SAMPLING MAGNETIC RESONANCE-BASED METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES A	10/7/2015					
US Provisional	62/302,577	METHOD FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES USING HYBRID AMPLING FOR ENHANCEMENT OF VERY LOW NOISE SELECTIVE AMPLING WITH NO GRADIENT	3/2/2016					
CIP1	15/167,828	METHOD FOR ASSESSING SPATIAL FREQUENCIES USING HYBRID SAMPLING WITH NON- ZERO GRADIENT FOR SELECTIVE AMPLING	5/27/2016	Issued	2016274203	9/22/2016	<u>US 9,664,759</u>	5/30/2017
US Provisional	62/382/695	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	9/1/2016					
US Provisional	62/403,270	ROBUST METHOD FOR MEASURING MAGNITUDE VALUES OF SPATIAL FREQUENCY SPECTRA IN LIVING TISSUE	10/3/2016					

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TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
CIP2	15/288,974	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016	Issued	2017/030986	2/2/2017	US 9,664,760	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		
Australia	AU20160334250	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2016	Pending	AU2016334250	5/17/2018		
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	Pending	CN108366753	8/3/2018		
Europe	EP20160854502	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH	10/7/2016	Pending	EP3359034	8/15/2018		

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TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
		SPECIFIC CONTRAST MECHANISMS						
Japan	JP2018517540	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	10/7/2018	Pending	JP2018529474	10/11/2018		
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
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>20180329802</u>	11/15/2018	US 10,330,763	06/25/2019
PCT	PCT/US18/33727	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	5/21/2018		WO2018/217658	11/29/2018		
Canada		SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	11/21/2019 (approx)					
Japan		SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	11/21/2019 (approx)					

PATENT

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
Australia		SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	12/21/2019 (approx)					
Europe		SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	12/21/2019 (approx)					
China		SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	12/21/2019 (approx)					
CON of CIP3	16/450,361	SELECTIVE SAMPLING FOR ASSESSING STRUCTURAL SPATIAL FREQUENCIES WITH SPECIFIC CONTRAST MECHANISMS	6/24/2019					
US Provisional	62/529,104	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY TO IDENTIFY THE CHEMICAL SPECIES OF VARIOUS TEXTURAL ELEMENTS IN A TARGETED REGION OF TISSUE	7/6/2017					
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	US 10,215,827	2/26/2019

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TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
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)					
US Provisional	62/635,349	MAGNETIC RESONANCE-BASED TECHNIQUE FOR HIGH RESOLUTION MEASUREMENT OF TISSUE TEXTURE	2/26/2018					
US Provisional	62/769,666	A METHOD TO MEASURE TISSUE TEXTURE USING NMR SPECTROSCOPY WITH VOI LENGTH IN AN ANALYSIS DIRECTION DEFINED BY RECEIVER BANDWIDTH	11/20/2018					
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					

PATENT

TYPE	SERIAL NUMBER	TITLE	FILING DATE	STATUS	PUBLICATION NUMBER	PUBLICATION DATE	PATENT NUMBER	ISSUE DATE
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					
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