

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6060247

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST FOR PATENT SECURITY AGREEMENT FILED AT REEL/FRA ME 045278/0825
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BIOPHARMA CREDIT PLC	04/24/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NOVOCURE LIMITED
<b>Street Address:</b>	SECOND FLOOR, NO. 4 THE FORUM, GRENVILLE STREET
<b>City:</b>	ST. HELIER
<b>State/Country:</b>	JERSEY
<b>Postal Code:</b>	JE2 4UF
<b>PROPERTY NUMBERS Total: 41</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	6868289
Patent Number:	7016725
Patent Number:	7089054
Patent Number:	7136699
Patent Number:	7146210
Patent Number:	7467011
Patent Number:	7519420
Patent Number:	7565205
Patent Number:	7565206
Patent Number:	7599745
Patent Number:	7599746
Patent Number:	7706890
Patent Number:	7715921
Patent Number:	7805201
Patent Number:	7890183
Patent Number:	7912540
Patent Number:	7917227
Patent Number:	8019414
Patent Number:	8027738
Patent Number:	8170684

PATENT

Property Type	Number
Patent Number:	8175698
Patent Number:	8229555
Patent Number:	8244345
Patent Number:	8406870
Patent Number:	8447395
Patent Number:	RE43617
Patent Number:	7333852
Patent Number:	8447396
Patent Number:	8465533
Patent Number:	8706261
Patent Number:	8715203
Patent Number:	8764675
Patent Number:	9039674
Patent Number:	9056203
Patent Number:	9023090
Patent Number:	9023091
Patent Number:	9440068
Patent Number:	9750934
Patent Number:	8718756
Patent Number:	9655669
Application Number:	15265921

#### CORRESPONDENCE DATA

Fax Number: (202)887-4288

*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: 2149692741

Email: BLOVE@AKINGUMP.COM

Correspondent Name: AKIN GUMP STRAUSS HAUER & FELD LLP

Address Line 1: 2001 K STREET N.W.

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	687747.0054
NAME OF SUBMITTER:	BRENDA LOVE
SIGNATURE:	/Brenda Love/
DATE SIGNED:	04/14/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

#### Total Attachments: 8

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## **RELEASE OF PATENT SECURITY INTEREST**

**THIS RELEASE OF PATENT SECURITY INTEREST** (this "Release") is made as of April 24, 2019 ("Effective Date") by BIOPHARMA CREDIT PLC (the "Lender"), in favor of NOVOCURE LIMITED (the "Grantor"). All terms not herein defined, have the meanings set forth in the Security Agreement and Patent Agreement referenced below.

**WHEREAS**, the Grantor and the Lender are parties to that certain Guaranty and Security Agreement, dated as of February 7, 2018 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement"), executed in order to secure the prompt and complete payment, observance and performance of all of the Obligations in accordance with the terms and conditions of the various loan documents;

**WHEREAS**, pursuant to the Security Agreement, the Grantor was required to execute and deliver a Patent Security Agreement, dated as of February 7, 2018 (the "Patent Agreement"), to the Lender for purposes of filing with the United States Patent and Trademark Office ("USPTO");

**WHEREAS**, pursuant to the Security Agreement and Patent Agreement, the Grantor granted to the Lender, among other Patent Collateral as set forth therein, a continuing security interest in all of the Grantor's right, title and interest in, to and under the United States patents and applications listed on the attached Schedule A (the "Patents");

**WHEREAS**, the Patent Agreement was recorded in the USPTO on March 21, 2018 at Reel/Frame 045284/0851; and

**WHEREAS**, the Lender wishes to release its security interest in the Patent Collateral, including the Patents on Schedule A attached hereto.

**NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Lender hereby terminates, releases and discharges any security interest in and lien upon the Patent Collateral, including the Patents on Schedule A attached hereto, and assigns, transfers, and conveys to the Grantor any and all right, title or interest in, or to, the Patent Collateral that the Lender may hold.

Lender agrees, at the Grantor's expense, to take all further actions, and provide to the Grantor 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 Grantor and its successors, assigns and legal representatives may reasonably request in order to confirm, effectuate or record this Release.

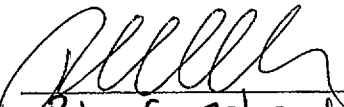
[Signature Page Follows]

IN WITNESS WHEREOF, the Lender has caused this Release to be executed by its duly authorized representative effective as of the Effective Date.

BIOPHARMA CREDIT PLC

By: Pharmakon Advisors, LP,  
its Investment Manager

By: Pharmakon Management I, LLC,  
its General Partner

By:   
Name: Pedro Gonzalez de Casio  
Title: managing member

## SCHEDULE A

### Patents

#### 1. REGISTERED PATENTS

##### US Patents

<u>Name of Entity</u>	<u>Title</u>	<u>Filing Date/Issued Date</u>	<u>Status</u>	<u>Application/Registration No.</u>
NovoCure Limited	Apparatus for Treating a Tumor or the Like and Articles Incorporating the Apparatus for Treatment of the Tumor	12-10-2002 / 03-15-2005	Issued	6,868,289
NovoCure Limited	Method and Apparatus for Destroying Dividing Cells	11-05-2002 / 03-21-2006	Issued	7,016,725
NovoCure Limited	Apparatus and Method for Treating a Tumor or the Like	10-31-2002 / 08-08-2006	Issued	7,089,054
NovoCure Limited	Apparatus for Destroying Dividing Cells	10-02-2002 / 11-14-2006	Issued	7,136,699
NovoCure Limited	Apparatus and Method for Optimizing Tumor Treatment Efficiency by Electric Fields	03-28-2003 / 12-05-2006	Issued	7,146,210
NovoCure Limited	Hat for Treating a Tumor or the Like	06-14-2006 / 12-16-2008	Issued	7,467,011
NovoCure Limited	Apparatus For Selectively Destroying Dividing Cells	09-06-2006 / 04-14-2009	Issued	7,519,420
NovoCure Limited	Treating a Tumor or the Like with Electric Fields at Different Orientations	04-21-2005 / 07-21-2009	Issued	7,565,205
NovoCure Limited	Treating a Tumor or the Like with Electric Fields at Different Orientations	12-27-2005 / 07-21-2009	Issued	7,565,206
NovoCure Limited	Treating a Tumor or the Like with an Electric Field	04-21-2005 / 10-06-2009	Issued	7,599,745
NovoCure Limited	Apparatus and Method for Preventing the Spread of Cancerous Metastases and for Elimination of Metastases	06-07-2006 / 10-06-2009	Issued	7,599,746
NovoCure Limited	Treating a Tumor or the Like with an Electric Field that is Focused at a Target Region	03-07-2005 / 04-27-2010	Issued	7,706,890
NovoCure Limited	Electrodes for Applying an Electric Field In-Vivo Over an Extended	12-05-2005 / 05-11-2010	Issued	7,715,921

<u>Name of Entity</u>	<u>Title</u>	<u>Filing Date/Issued Date</u>	<u>Status</u>	<u>Application/Registration No.</u>
	Period of Time			
NovoCure Limited	Treating a Tumor or the Like with an Electric Field	04-21-2005 / 09-28-2010	Issued	7,805,201
NovoCure Limited	Treating Parasites With Electric Fields	08-13-2008 / 02/15/2011	Issued	7,890,183
NovoCure Limited	Article of Clothing for Treating a Tumor or the Like	06-14-2006 / 03-22-2011	Issued	7,912,540
NovoCure Limited	Optimizing An Electric Field Waveform To Increase Its Effect On Proliferating Cells	09-29-2006 / 03-29-2011	Issued	7,917,227
NovoCure Limited	Treating Cancer Using Electromagnetic Fields In Combination With Other Treatment Regimens	04-02-2007 / 09-13-2011	Issued	8,019,414
NovoCure Limited	Probe for Treating a Tumor or the Like	06-14-2006 / 09-27-2011	Issued	8,027,738
NovoCure Limited	Electrodes For Applying an Electric Field In-Vivo Over an Extended Period of Time	03-23-2010 / 05-01-2012	Issued	8,170,684
NovoCure Limited	Treating Bacteria With Electric Fields	06-26-2008 / 05-08-2012	Issued	8,175,698
NovoCure Limited	Probe for Treating a Tumor or the Like	09-02-2011 / 07-24-2012	Issued	8,229,555
NovoCure Limited	Treating a Tumor or the Like with Electric Fields at Different Frequencies	04-21-2005 / 08-14-2012	Issued	8,244,345
NovoCure Limited	Method and Apparatus for Destroying Dividing Cells	08-27-2008 / 08-28-2012 (for RE) and 02-06-2001 / 02-19-2008 (for orig.) based on PCT/IB01/00202	Issued	RE43,618 12/199,498 based on 7,333,852
NovoCure Limited	Treating Cancer Using Electromagnetic Fields in Combination with Other Treatment Regimens	08-24-2011 / 03-26-2013	Issued	8,406,870
NovoCure Limited	Treating Bacteria with Electric Fields	12-02-2010 / 05-21-2013	Issued	8,447,395

<u>Name of Entity</u>	<u>Title</u>	<u>Filing Date/Issued Date</u>	<u>Status</u>	<u>Application/Registration No.</u>
NovoCure Limited	Treating Bacteria With Electric Fields	03-23-2012 / 05-21-2013	Issued	8,447,396
NovoCure Limited	Treating Cancer Using Electromagnetic Fields In Combination With Photodynamic Therapy	03-05-2008 / 06-18-2013	Issued	8,465,533
NovoCure Limited	Treating a Tumor or the Like with Electric Fields at Different Frequencies	07-11-2012 / 04-22-2014	Issued	8,706,261
NovoCure Limited	Composite Electrode	09-17-2007 / 05-06-2014	Issued	8,715,203
NovoCure Limited	Optimizing Characteristics of an Electric Field to Increase the Field Effect on Proliferating Cells	08-10-2010 / 05-06-2014	Issued	8,718,756
NovoCure Limited	Composite Electrode	03-08-2013 / 07-01-2014	Issued	8,764,675
NovoCure Limited	Treating Bacteria with Electric Fields	03-01-2013 / 05-26-2015	Issued	9,039,674
NovoCure Limited	Treating Bacteria with Electric Fields	03-01-2013 / 06-16-2015	Issued	9,056,203
NovoCure Limited	Treating Cancer Using Electromagnetic Fields in Combination with Photodynamic Therapy	03-07-2013 / 05-05-2015	Issued	9,023,090
NovoCure Limited	Treating Cancer Using Electromagnetic Fields in Combination with Photodynamic Therapy	03-07-2013 / 05-05-2015	Issued	9,023,091
NovoCure Limited	Optimizing Treatment Using TTFields by Changing the Frequency During the Course of Long Term Tumor Treatment	05-05-2013 / 05-23-2017	Issued	9,655,669
NovoCure Limited	Treating Bacteria with Electric Fields	06-05-2015 / 09-13-2016	Issued	9,440,068
NovoCure Limited	Treating Bacteria with Electric Fields	08-08-2016 / 09-05-2017	Issued	9,750,934

Non-US Patents



<u>Name of Entity</u>	<u>Country</u>	<u>Title</u>	<u>Date Filed</u>	<u>Status</u>	<u>Application No. / Registered No.</u>
NovoCure Limited	Austria	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Belgium	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Canada	Selectively / Destroying Dividing Cells	16/02/2001	Granted / Registered	2400526
NovoCure Limited	China	Electrode Re-Positioning	05/12/2005	Granted / Registered	ZL200580046784.0
NovoCure Limited	China	Phase-Shifting Rotation	27/12/2005	Granted / Registered	ZL200580048335.X
NovoCure Limited	China	Field Guides	08/06/2006	Granted / Registered	ZL200680026027.1
NovoCure Limited	China	Phase-Shifting Rotation	27/12/2005	Granted / Registered	201110226148.3
NovoCure (Israel) Ltd.	China	Treating a Tumor or the Like	21/04/2005	Granted / Registered	ZL200580018206.6
NovoCure Limited	Czech Republic	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Denmark	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Finland	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	France	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Germany	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Greece	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Ireland	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Italy	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Japan	Apparatus for Treating a Tumor	01/10/2003	Granted / Registered	4350042
NovoCure Limited	Japan	Selectively / Destroying Dividing Cells	16/02/2001	Granted / Registered	5280600
NovoCure Limited	Japan	Electrode Re-Positioning	05/12/2005	Granted / Registered	5260056
NovoCure Limited	Japan	Electrode Re-Positioning	05/12/2005	Granted / Registered	5653954
NovoCure Limited	Japan	Phase-Shifting Rotation	27/12/2005	Granted / Registered	5559460
NovoCure Limited	Japan	Field Guides	08/06/2006	Granted / Registered	5451067
NovoCure Limited	Netherlands	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552

<u>Name of Entity</u>	<u>Country</u>	<u>Title</u>	<u>Date Filed</u>	<u>Status</u>	<u>Application No. / Registered No.</u>
NovoCure Limited	Portugal	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Spain	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Sweden	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	Switzerland / Lichtenstein	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552
NovoCure Limited	United Kingdom	Electrode Re-Positioning	05/12/2005	Granted / Registered	1833552

## 2. PATENT APPLICATIONS

### US Patent Applications

<u>Name of Entity</u>	<u>Title</u>	<u>Filing Date/Issued Date</u>	<u>Status</u>	<u>Application/Registration No.</u>
NovoCure Limited	High Voltage, High Efficiency Sine Wave Generator with Pre-Set Frequency and Adjustable Amplitude	09/15/2016	pending	15/265,921

### Non-US Patent Applications

<u>Name of Entity</u>	<u>Country</u>	<u>Title</u>	<u>Date Filed</u>	<u>Status</u>	<u>Application No. / Registered No.</u>
NovoCure Limited	Canada	Apparatus for Treating a Tumor	01/10/2003	Pending	2499845
NovoCure Limited	Canada	Electrode Re-Positioning	05/12/2005	Pending	2590342
NovoCure Limited	Canada	Phase-Shifting Rotation	27/12/2005	Pending	2594231
NovoCure Limited	Canada	Field Guides	08/06/2006	Pending	2611398
NovoCure Limited	China	Electrode Re-Positioning	05/12/2005	Pending	201010599490.3
NovoCure Limited	European Patent Office	Electrode Re-Positioning	05/12/2005	Pending	2364747
NovoCure Limited	European Patent Office	Electrode Re-Positioning	05/12/2005	Pending	2364748
NovoCure Limited	European Patent Office	Electrode Re-Positioning	05/12/2005	Pending	2345451

<u>Name of Entity</u>	<u>Country</u>	<u>Title</u>	<u>Date Filed</u>	<u>Status</u>	<u>Application No. / Registered No.</u>
NovoCure Limited	European Patent Office	Selectively / Destroying Dividing Cells	16/02/2001	Pending	01906036.7
NovoCure Limited	European Patent Office	Apparatus for Treating a Tumor	01/10/2003	Pending	03799042.1
NovoCure Limited	European Patent Office	Phase-Shifting Rotation	27/12/2005	Pending	1833554
NovoCure Limited	European Patent Office	Field Guides	08/06/2006	Pending	06765476.4
NovoCure Limited	European Patent Office	Electrode Re-Positioning	05/12/2005	Pending	09014785.1
NovoCure Limited	European Patent Office	Selectively / Destroying Dividing Cells	16/02/2001	Pending	2335776
NovoCure Limited	European Patent Office	Apparatus for Treating a Tumor	01/10/2003	Pending	10012702.6
NovoCure Limited	European Patent Office	Apparatus for Treating a Tumor	01/10/2003	Pending	10012716.6
NovoCure Limited	European Patent Office	Apparatus for Treating a Tumor	01/10/2003	Pending	2281603
NovoCure Limited	European Patent Office	Apparatus for Treating a Tumor	01/10/2003	Pending	2281605
NovoCure Limited	WIPO	Changing Frequency	06/05/2014	Pending	PCT/IB2014/000688
NovoCure Limited	Hong Kong	Electrode Re-Positioning	05/12/2005	Pending	10108508.6
NovoCure Limited	Hong Kong	Apparatus for Treating a Tumor	01/10/2003	Pending	1153962A
NovoCure Limited	Hong Kong	Apparatus for Treating a Tumor	01/10/2003	Pending	1153963A
NovoCure Limited	Hong Kong	Apparatus for Treating a Tumor	01/10/2003	Pending	1153964A
NovoCure Limited	Hong Kong	Apparatus for Treating a Tumor	01/10/2003	Pending	1153965A