

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5299248

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	KARL OTTO	09/16/2015
<b>RECEIVING PARTY DATA</b>		
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16030752
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<b>SIGNATURE:</b>	/Kevin L. Russell/	
<b>DATE SIGNED:</b>	12/26/2018	
<b>Total Attachments: 4</b>		
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## ASSIGNMENT OF PATENTS [INTERACTIVE DOSE EVALUATION]

This Assignment of Patents is entered into by and between Karl Otto, an individual who also does business under the name "HyperDrive Medical", having a principal place of business at 1110 Sunset Drive, Salt Spring Island, British Columbia, V8K 1E6 Canada ("ASSIGNOR") and Varian Medical Systems International AG, a company formed under the laws of Switzerland with its registered office at Hinterbergstrasse 14, 6330 Cham, Switzerland ("ASSIGNEE").

WHEREAS, ASSIGNEE wants to obtain an assignment of any and all right, title, and interest the ASSIGNOR has in or to certain patents, patent applications, and inventions;

WHEREAS, ASSIGNOR wants to make an assignment to the ASSIGNEE of all of ASSIGNEE's right, title and interest in and to such patents, patent applications, and inventions;

WHEREAS, this Assignment of Patents is entered into concurrently with the execution of a Master Agreement by and between Assignor and Assignee.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

1. ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby irrevocably and in perpetuity sell, assign, transfer and set over, unto ASSIGNEE, and its respective successors, legal representatives and assigns, any and all right, title, and interest ASSIGNOR has throughout the world in and to the following (collectively, the "Assigned Patent Rights"):

(a) the patents and patent applications specifically listed in Attachment 1 hereto (the "Patents"); and

(b) all patents or patent applications (i) which directly or indirectly claim priority from the Patents, or (ii) from which the Patents directly or indirectly claim priority; and

(c) all patents, patent applications, foreign counterpart patents and applications, reissues, reexaminations, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, and divisions, of or issuing from any item in any of the foregoing subsections (a) and (b); and

(d) any provisional patent application or application filed pursuant to the Patent Cooperation Treaty having a filing date that any of the foregoing patents and patent applications claim the benefit of; and

(e) all other rights of priority under International Convention or U.S. or foreign law based on, claimed by, or otherwise relating to any of the foregoing patents and patent applications, and any patents or patent applications that claim priority from or correspond thereto; and

(f) any inventions and/or improvements described and/or claimed in any of the foregoing patents and patent applications (hereinafter the "Inventions").

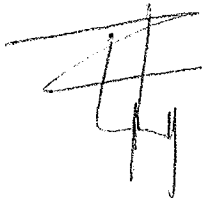
2. As a material part of the foregoing assignment, ASSIGNOR irrevocably quitclaims, sells, assigns, transfers, and conveys to ASSIGNEE, all claims for damages, income, royalties, payments and all remedies arising out of any infringement or violation of the rights assigned hereby that may have accrued prior to the date of assignment or may accrue hereafter, including, but not limited to, the sole right to sue for, collect, and retain damages for past infringements of said assigned

rights. ASSIGNOR further acknowledges that by virtue of said assignments he is precluded from joining, and separately agrees that he will not seek to join in, any legal proceeding as a plaintiff, co-plaintiff, counterclaimant or co-counterclaimant attempting to assert any of the rights, interests, claims, or causes of actions transferred and assigned hereunder.


3. ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any official of any country or countries/region foreign to the United States, whose duty it is to issue patents on applications, to issue all patents for the Inventions to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

4. The foregoing rights in and under the Assigned Patent Rights shall apply to the full end of their terms as fully as the ASSIGNOR would have held the same in the absence of this assignment. As of the date set forth below, the ASSIGNEE has succeeded to all right, title, and standing of the ASSIGNOR to (a) receive all rights and benefits pertaining to the Assigned Patent Rights, and (b) commence, prosecute, defend and settle all claims and take all actions that the ASSIGNOR, in its sole discretion, may elect in relation to the Assigned Patent Rights. This Assignment of Patents is irrevocable.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this <sup>16<sup>th</sup> Feb</sup> ~~14th~~ day of September, 2015.



TIMOTHY F. LOTT  
201 - 116 FULFORD-GANGES ROAD  
SALT SPRING ISLAND, B.C. V8K 2S4  
BARRISTER & SOLICITOR

  
Karl Otto

Sign in presence of a Notary and have

Notary attach Acknowledgement

**Attachment 1**

<b>Patent Number</b>	<b>Title</b>	<b>Filing Date</b>
US Pat. App. 13/806677	System and method for estimating and manipulating estimated radiation dose	June 22, 2011
PCT/CA2011/050385	System and method for estimating and manipulating estimated radiation dose	June 22, 2011
Japan Pat. App. 2013-515650	System and method for estimating and manipulating estimated radiation dose	June 22, 2011
Europe Pat. App. 11797446.9	System and method for estimating and manipulating estimated radiation dose	June 22, 2011
US Pat. App. 61/398286	System and method for estimating and manipulating estimated radiation dose	June 22, 2010

4811-2612-9192, v. 1

## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California PROVINCE OF BRITISH COLUMBIA  
County of NANAIMO

On SEPTEMBER 16, 2015 before me, TIMOTHY LOTT, NOTARY PUBLIC  
(insert name and title of the officer)

personally appeared KARL OITO  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the PROVINCE OF BRITISH COLUMBIA State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature [Signature] **TIMOTHY E. LOTT**  
**301 - 110 FULFORD-GANGES ROAD**  
**SAN FRANCISCO, B.C. V8K 2S4**  
**BARRISTER & SOLICITOR**

(Seal)

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