PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK EVERETT TRAIL	08/21/2017
JAMES EDWARD CLAYTON	08/21/2017

RECEIVING PARTY DATA

Name:	VARIAN MEDICAL SYSTEMS, INC.		
Street Address:	3100 HANSEN WAY		
City:	PALO ALTO		
State/Country:	CALIFORNIA		
Postal Code:	94304		

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16920019
Application Number:	17970410

CORRESPONDENCE DATA

Fax Number: (610)448-6857

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: 484-500-4662

Email: IPDSMS.func@siemens-healthineers.com

Correspondent Name: SARA HUARD

Address Line 1: 3850 QUADRANGLE BLVD

Address Line 2: SIEMENS CORPORATION, IP DEPARTMENT

Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER:	201760023
NAME OF SUBMITTER:	SARA L. HUARD
SIGNATURE:	/Sara L. Huard/
DATE SIGNED:	08/29/2023

Total Attachments: 2

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PATENT REEL: 064736 FRAME: 0177

508091941

Attorney Docket No.: VAR-2017-041US01

Assignment to Varian Medical Systems, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we Mark Everett TRAIL do hereby sell, assign, and transfer unto Varian Medical Systems, Inc., a Delaware Corporation having its principal place of business at 3100 Hansen Way, Palo Alto, CA 94304-1038, USA, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled: PARTICLE BEAM GUN CONTROL SYSTEMS AND METHODS filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or X Serial No.: 15/657,036 filed on 07/21/2017 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; And for the above consideration, I/we agree promptly upon request of Varian Medical Systems, Inc., its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Varian Medical Systems, Inc., its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Varian Medical Systems, Inc., I/we further covenant with Varian Medical Systems, Inc., its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned; In witness whereof, I/we hereunto set/thy/our hand(s) and seal: Inventor's Signature:

Page 1 of 1

rev. 06/01 dbp

Attorney Docket No.: VAR-2017-0410501

Assignment to Varian Medical Systems, Inc.

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we James Edward CLAYTON

do hereby sell, assign, and transfer unto Varian Medical Systems, Inc., a Delaware Corporation having its principal place of business at 3100 Hansen Way, Palo Alto, CA 94304-1038, USA, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

PARTICLE BEAM GUN CONTROL SYSTEMS AND METHODS

	filed herewin	th and the invention	is set forth	and described	therein, and	any and all Letters Patent of the	
•	United State	es and of countries	foreign the	ereto which may	y be granted	thereon or therefor; or	
X	Serial No.:	15/657,036	filed on	07/21/2017		and the inventions set for	rth
	and describe	ed therein, and any	and all L	etters Patent of	the United	States and of countries foreign the	reto
	which may be granted thereon or therefor;						

And for the above consideration, I/we agree promptly upon request of Varian Medical Systems, Inc., its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Varian Medical Systems, Inc., its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign therete, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Varian Medical Systems, Inc..

I/we further covenant with Varian Medical Systems, Inc., its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal: Inventor's Signature:

Page 1 of 1

rev. 06/01 dbp

PATENT REEL: 064736 FRAME: 0179

RECORDED: 08/29/2023