# **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7785182

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ARUNDHUTI GANGULY	05/09/2017
GARY F. VIRSHUP	05/19/2017
MICHELLE RICHMOND	05/13/2017
BILLY DAN JONES	05/10/2017

# **RECEIVING PARTY DATA**

Name:	VARIAN MEDICAL SYSTEMS, INC.
Street Address:	3100 HANSEN WAY
Internal Address:	M/S E-339
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304-1038

# **PROPERTY NUMBERS Total: 3**

Property Type	Number
Application Number:	16854096
Application Number:	17531150
Application Number:	18106286

# **CORRESPONDENCE DATA**

**Fax Number:** (202)921-7409

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:** 12029217400

**Email:** docketing@SGPatents.com

Correspondent Name: SGPATENTS PLLC

Address Line 1: 1701 PENNSYLVANIA AVENUE, NW

Address Line 2: SUITE 200

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	C05564-13163	
NAME OF SUBMITTER:	NATALLIA MORETZ	
SIGNATURE:	/Natallia Moretz/	
DATE SIGNED:	02/08/2023	

# Total Attachments: 10 source=C05564-13163-assignment#page1.tif source=C05564-13163-assignment#page2.tif source=C05564-13163-assignment#page3.tif source=C05564-13163-assignment#page4.tif source=C05564-13163-assignment#page5.tif source=C05564-13163-assignment#page6.tif source=C05564-13163-assignment#page7.tif source=C05564-13163-assignment#page8.tif source=C05564-13163-assignment#page9.tif source=C05564-13163-assignment#page9.tif

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4424675

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ARUNDHUTI GANGULY	05/09/2017
GARY F. VIRSHUP	05/19/2017
MICHELLE RICHMOND	05/13/2017
BILLY DAN JONES	05/10/2017

# **RECEIVING PARTY DATA**

Name:	VARIAN MEDICAL SYSTEMS, INC.
Street Address:	3100 HANSEN WAY
Internal Address:	M/S E-339
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304-1038

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15601068

### **CORRESPONDENCE DATA**

Fax Number: (703)956-7647

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: (703) 956-7650

Email: docketing@sgriplaw.com

SHAPIRO, GABOR AND ROSENBERGER, PLLC **Correspondent Name:** 

8607 WESTWOOD CENTER DRIVE Address Line 1:

**SUITE 320** Address Line 2:

Address Line 4: TYSONS CORNER, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	C05564-13163US01	
NAME OF SUBMITTER:	NATALLIA MAALUF	
SIGNATURE:	/Natallia Maaluf/	
DATE SIGNED:	05/22/2017	

**Total Attachments: 8** 

WHEREAS, I/We, Arundhuti GANGULY, Gary F. VIRSHUP, Michelle RICHMOND, and Billy Dan JONES, have made an invention entitled "SYSTEMS, METHODS, AND DEVICES FOR MULTI-ENERGY X-RAY IMAGING" for which I/We have filed a provisional application for Letters Patent of the United States on January 13, 2017 under Application No. 62/446,246, and have filed an application for Letters Patent of the United States on May 22, 2017 under Application No. 15/601,068; and

WHEREAS, Varian Medical Systems Inc. ("ASSIGNEE"), a corporation or other business entity organized under the laws of Delaware and having a place of business at 3100 Hansen Way, M/S E-339, Palo Alto, CA, 94304-1038 desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to me/us by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuations of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I/We authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I/WE further hereby authorize ASSIGNEE or its attorneys or agents to insert the appropriate application number and filing date into this assignment, if none is indicated on that date of my/our execution of this Assignment.

# IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

Signature:	Signature:
Date:	Date:
Full Name: Arundhuti GANGULY	Full Name: Gary F. VIRSHUP
Address: 5450 Castle Manor Drive San Jose, CA, 95129, US	Address: 753 Stendhal Lane, Cupertino, CA, 95014, US
Signature:	Signature: Billy Darfor
Date:	Date:
Full Name: Michelle RICHMOND	Full Name: Billy Dan JONES
Address: 743 Montrose Ave. Palo Alto, CA, 94303, US	Address: 1231 Richardson Ave, Los Altos, CA, 94024, US

WHEREAS, I/We, Arundhuti GANGULY, Gary F. VIRSHUP, Michelle RICHMOND, and Billy Dan JONES, have made an invention entitled "SYSTEMS, METHODS, AND DEVICES FOR MULTI-ENERGY X-RAY IMAGING" for which I/We have filed a provisional application for Letters Patent of the United States on January 13, 2017 under Application No. 62/446,246, and have filed an application for Letters Patent of the United States on May 22, 2017 under Application No. 15/601,068; and

WHEREAS, Varian Medical Systems Inc. ("ASSIGNEE"), a corporation or other business entity organized under the laws of Delaware and having a place of business at 3100 Hansen Way, M/S E-339, Palo Alto, CA, 94304-1038 desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to me/us by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuations of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I/We authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I/WE further hereby authorize ASSIGNEE or its attorneys or agents to insert the appropriate application number and filing date into this assignment, if none is indicated on that date of my/our execution of this Assignment.

Los Altos, CA, 94024, US

Signature: Date: Full Name: Arundhuti GANGULY Full Name: Gary F. VIRSHUP Address: 5450 Castle Manor Drive Address: 753 Stendhal Lane, San Jose, CA, 95129, US Cupertino, CA, 95014, US Signature: Signature: Date: \_\_\_\_\_ Date: Full Name: Michelle RICHMOND Full Name: Billy Dan JONES Address: 743 Montrose Ave. Address: 1231 Richardson Ave,

Palo Alto, CA, 94303, US

IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

WHEREAS, I/We, <u>Arundhuti GANGULY</u>, <u>Gary F. VIRSHUP</u>, <u>Michelle RICHMOND</u>, <u>and Billy Dan JONES</u>, have made an invention entitled "<u>SYSTEMS</u>, <u>METHODS</u>, <u>AND DEVICES</u> <u>FOR MULTI-ENERGY X-RAY IMAGING</u>" for which I/We have filed a provisional application for Letters Patent of the United States on <u>January 13, 2017</u> under Application No. <u>62/446,246</u>, and have filed an application for Letters Patent of the United States on <u>May 22, 2017</u> under Application No. 15/601,068; and

WHEREAS, Varian Medical Systems Inc. ("ASSIGNEE"), a corporation or other business entity organized under the laws of Delaware and having a place of business at 3100 Hansen Way, M/S E-339, Palo Alto, CA, 94304-1038 desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to me/us by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuations of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I/We authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I/WE further hereby authorize ASSIGNEE or its attorneys or agents to insert the appropriate application number and filing date into this assignment, if none is indicated on that date of my/our execution of this Assignment.

IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

Signature: Manguly.	Cionatura
Signature. Marchael	Signature:
Date: 5/9/2017	Date:
Full Name: Arundhuti GANGULY	Full Name: Gary F. VIRSHUP
Address: 5450 Castle Manor drive, San Jose, CA, 95129, US	Address: <u>753 Stendhal Lane,</u> Cupertino, CA, 95014, US
Signature:	Signature:
Date:	Date:
Full Name: Michelle RICHMOND	Full Name: Billy Dan JONES
Address: 743 Montrose Ave. Palo Alto, CA, 94303, US	Address: 1231 Richardson Ave, Los Altos, CA, 94024, US

WHEREAS, I/We, <u>Arundhuti GANGULY</u>, Gary F. VIRSHUP, Michelle RICHMOND, and <u>Billy Dan JONES</u>, have made an invention entitled "<u>SYSTEMS, METHODS, AND DEVICES</u> <u>FOR MULTI-ENERGY X-RAY IMAGING</u>" for which I/We have filed a provisional application for Letters Patent of the United States on <u>January 13, 2017</u> under Application No. <u>62/446,246</u>, and have filed an application for Letters Patent of the United States on <u>May 22, 2017</u> under Application No. <u>15/601,068</u>; and

WHEREAS, Varian Medical Systems Inc. ("ASSIGNEE"), a corporation or other business entity organized under the laws of Delaware and having a place of business at 3100 Hansen Way, M/S E-339, Palo Alto, CA, 94304-1038 desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to me/us by ASSIGNEE, and other good and valuable consideration, the receipt and sufficiency of which I/We acknowledge, I/We, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuations of the application, and all Letters Patent that may be granted thereon in the United States and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I/We authorize and request the Director of the United States Patent and Trademark Office to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I/WE further hereby authorize ASSIGNEE or its attorneys or agents to insert the appropriate application number and filing date into this assignment, if none is indicated on that date of my/our execution of this Assignment.

# IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

Signature:	Signature:
Date:	Date:
Full Name: Arundhuti GANGULY	Full Name: Gary F. VIRSHUP
Address: 5450 Castle Manor Drive San Jose, CA, 95129, US	Address: <u>753 Stendhal Lane.</u> Cupertino, CA, 95014, US
Signature: Middle Richmong	Signature:
Date: 5-13-2017	Date:
Full Name: Michelle RICHMOND	Full Name: Billy Dan JONES
Address: 743 Montrose Ave. Palo Alto, CA, 94303, US	Address: 1231 Richardson Ave, Los Altos, CA, 94024, US