

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6023138

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALESSANDRA DI TULLIO	10/25/2019
ROBIN LUCIA	03/17/2020
ANUJA NAIR	10/25/2019
NIKHIL SREEDHAR RAJGURU	10/29/2019
YVONNE GILLIS	10/25/2019
RECEIVING PARTY DATA	
Name:	VOLCANO CORPORATION
Street Address:	3721 VALLEY CENTRE DRIVE
Internal Address:	SUITE 500
City:	SAN DIEGO
State/Country:	CALIFORNIA
Postal Code:	92130
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16662847
CORRESPONDENCE DATA	
Fax Number:	(914)495-9540
<i>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.</i>	
Phone:	914-495-9516
Email:	patti.demichele@Philips.com
Correspondent Name:	PHILIPS INTELLECTUAL PROPERTY & STANDARD
Address Line 1:	465 COLUMBUS AVENUE
Address Line 2:	SUITE 340
Address Line 4:	VALHALLA, NEW YORK 10595
ATTORNEY DOCKET NUMBER:	2018P01116US02
NAME OF SUBMITTER:	PATTI DEMICHELE
SIGNATURE:	/Patti DeMichele/
DATE SIGNED:	03/19/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	

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Total Attachments: 5

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For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or inventor, hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to VOLCANO CORPORATION, having a place of business at 3721 Valley Centre Drive, Suite 500, San Diego, CA 92130, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention "SPEED DETERMINATION FOR INTRALUMINAL ULTRASOUND IMAGING AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS", for which an application:

- ☐ is executed concurrently herewith
☒ was filed on October 24, 2019, having a United States Application No. 16/662,847
☐ was filed on _____, having an International Application No. _____

and all rights in and to said application, and all other United States, foreign and international patent applications associated therewith, based thereon, or claiming priority therefrom including, but not limited to, any and all provisionals, non-provisionals, divisions, continuations, continuations-in-part, re-examinations, reissues, and extensions thereof, and the right to claim priority thereto, and the entire and exclusive right, title, and interest in and to any and all patents granted on these applications.

I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.

I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

I/We certify that I/we have the full right to convey the above rights.

As a below-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: 10/25/2019 Signature: Alessandra Di Tullio, Assignor/Inventor
Alessandra DI TULLIO

Date: _____ Signature: Robin LUCIA, Assignor/Inventor
Robin LUCIA

Date: 25th October, 19 Signature: Anuja NAIR, Assignor/Inventor
Anuja NAIR

Date: _____ Signature: Nikhil Sreedhar RAJGURU, Assignor/Inventor
Nikhil Sreedhar RAJGURU

Date: _____ Signature: Yvonne GILLIS, Assignor/Inventor
Yvonne GILLIS

For good and valuable consideration, of which I/we acknowledge receipt, I/we as a below-named Assignor(s) or Inventor, hereby sell, and assign, and transfer the entire and exclusive right, title, and interest in the following to VOLCANO CORPORATION, having a place of business at 3721 Valley Centre Drive, Suite 500, San Diego, CA 92130, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee") my/our invention "SPEED DETERMINATION FOR INTRALUMINAL ULTRASOUND IMAGING AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS", for which an application:

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: _____ Signature: _____, Assignor/Inventor
Alessandra DI TULLIO

Date: _____ Signature: _____, Assignor/Inventor
Robin LUCIA

Date: _____ Signature: _____, Assignor/Inventor

Date: 10/29/2019 Signature: _____, Assignor/Inventor
Anuja NAIR
Nikhil Sreedhar RAJGURU

Date: _____ Signature: _____, Assignor/Inventor
Yvonne GILLIS

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I/We authorize and request that the Patent Office officials in the United States and in any and all foreign countries to issue any and all Letters Patent when granted, solely to the Assignee(s), for its sole use, and that of its successors, assigns, and legal representatives.

I/We will provide my/our cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest extent. Upon request at the expense of the Assignee, I/we agree to execute all papers, take all rightful oaths, testify in all legal proceedings including patent prosecution actions and infringement actions, and do all other such acts which may be necessary, desirable, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title thereto in the Assignee.

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: _____ Signature: _____, Assignor/Inventor
Alessandra DI TULLIO

Date: _____ Signature: _____, Assignor/Inventor
Robin LUCIA

Date: _____ Signature: _____, Assignor/Inventor
Anuja NAIR

Date: _____ Signature: _____, Assignor/Inventor
Nikhil Sreedhar RAJGURU

Date: Oct 25th, 2019 Signature: , Assignor/Inventor
Yvonne GILLIS

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

Title of Invention	SPEED DETERMINATION FOR INTRALUMINAL ULTRASOUND IMAGING AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS		
This statement is directed to: <input type="checkbox"/> The attached application, OR <input checked="" type="checkbox"/> United States application or PCT international application number <u>16/662,847</u> filed on <u>October 24, 2019</u> .			
LEGAL NAME of inventor to whom this substitute statement applies: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Robin LUCIA			
Residence (except for a deceased or legally incapacitated inventor):			
City SAN DIEGO	State CA	Country US	
Mailing Address (except for a deceased or legally incapacitated inventor): VIA DEL CAMPO 17150			
City SAN DIEGO	State CA	Zip 92127	Country US
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application. The above-identified application was made or authorized to be made by me. I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies: <input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only), <input checked="" type="checkbox"/> Assignee, <input type="checkbox"/> Person to whom the inventor is under an obligation to assign, <input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or <input type="checkbox"/> Joint Inventor.			

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This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- ☐ Inventor is deceased,
- ☐ Inventor is under legal incapacity,
- ☐ Inventor cannot be found or reached after diligent effort, or
- ☒ Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- ☒ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- ☐ An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: **Joseph Innamorati** Date (Optional): 03/17/2020

Signature:

*Joseph Innamorati***APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:**

If the applicant is a juristic entity, list the applicant name and the title of the signer:

VOLCANO CORPORATION

Applicant Name:

Title of Person Executing
This Substitute Statement: **Authorized SIGNATORY**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City **STAMFORD** State **CT** Country **US**

Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

1600 SUMMER STREET

City **STAMFORD** State **CT** Zip **06905** Country **US**

Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.