

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3651860

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WAYNE KERANEN	10/12/2015
RAMIN BAGHAIE	10/12/2015
JOAKIM PYYRY	10/15/2015
MARTIN SABEL	10/13/2015
SEPPO TUOMAALA	10/12/2015
JANNE SAUVALA	10/14/2015
ALEKSI NURMI	10/22/2015
JUKKA SUOMINEN	10/12/2015
RECEIVING PARTY DATA	
Name:	VARIAN MEDICAL SYSTEMS
Street Address:	3100 HANSEN WAY
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14874340
CORRESPONDENCE DATA	
Fax Number:	(650)847-4151
<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:	650-847-4150
Email:	IDocketing@duanemorris.com
Correspondent Name:	DUANE MORRIS LLP
Address Line 1:	2475 HANOVER STREET
Address Line 4:	PALO ALTO, CALIFORNIA 94304
ATTORNEY DOCKET NUMBER:	G0291-00005
NAME OF SUBMITTER:	MANITA RAWAT
SIGNATURE:	/Manita Rawat/

DATE SIGNED:

12/10/2015

Total Attachments: 22

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ASSIGNMENT

WHEREAS WE, Wayne KERANEN, having an address of 7325 Hickory Valley Dr., Fenton, MI 48430, United States of America; and Seppo TUOMAALA having an address of 333 E. 56th St., Apt. 15A, New York, NY 10022, United States of America; hereinafter referred to as "Assignors" believe we are the original, joint and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: SYSTEMS AND METHODS FOR GENERATING
WORKFLOW OUTPUTS

Serial Number: 14/874,340

Filing Date: October 2, 2015

WHEREAS, VARIAN MEDICAL SYSTEMS, an entity having a place of business located at 3100 Hansen Way, Palo Alto, CA 94304, hereinafter referred to as "Assignee(s)" are desirous of acquiring the Patent Application and the invention(s) described in the Patent Application;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned Assignors, hereby confirm that we have agreed to sell, assign, transfer, and convey and by these presents do sell, assign, transfer, and convey unto the Assignee, its successors, and assigns, my entire right, title, and interest

in and to the invention(s) described in the Patent Application for the territory of the United States and its possessions and territories and for the territory of all foreign countries worldwide;

in and to the Patent Application and all inventions and improvements that are described and/or claimed in the Patent Application, or any U.S. or foreign patent or application that claims or is entitled to claim the benefit of the priority date of said application, including any utility application ("said utility application"); any continuation, continuation-in-part, or divisional application of said utility application; any patent(s) that issue from the foregoing application(s), including any utility patents and models; any patent(s) that issue from the foregoing application(s) and are subjected to *inter partes* review, supplemental examination, reexamination, reissue, substitutes, any post-grant proceeding, or the like; and any design

registrations granted for any of the inventions or improvements described in the foregoing application(s) or patent(s); all rights in any inventions and improvements that are described and/or claimed in any patents and/or patent applications that claim or are entitled to claim priority to the filing date of any one or more of the foregoing applications and that are filed in accordance with the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; together with rights of priority created by such patent applications under any international treaty or convention relating thereto, including any rights accrued by the publication of the applications, such as 35 U.S.C. § 154(d), Art. 67(1), and any rights arising from the invention under laws and conventions protecting copyright, trademark, trade dress, or other industrial property, together with all rights of priority created by such patent applications under any international treaty or convention relating thereto; and

such invention(s), application(s), and patent(s) to be held and enjoyed by the Assignee, for the Assignee's own use and benefit, and for that of the Assignee's successors and assigns, until the end of the full term or terms for which such patent(s) may be granted, as fully and entirely as the same would have been held by the Assignors had this sale, assignment, transfer, and conveyance not been made.

Assignors authorize the Assignee or the Assignee's representative to insert the application number and filing date of this application into this Assignment or any application claiming priority thereto if they are unknown at the time this Assignment is executed.

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Assignors agree to communicate to the assignee or its representatives any facts known to the Assignors respecting the invention(s) and, when requested by the Assignee and at its expense, will testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns, and legal representatives, to obtain and enforce protection for the invention(s) in any and all countries.

Assignors agree that a copy of this Assignment shall be deemed a full, legal, and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose, and more particularly, in proof of the right of the Assignee, or its successors, assigns, and legal representatives to apply for patent or other protection for the invention(s), and to claim the benefits of the right of priority provided by any relevant international treaty or convention relating to any of the aforementioned patent applications.

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Date: 10/12/2015

By: 
Wayne KERANEN

Date: _____

By: _____
Seppo TUOMAALA

ASSIGNMENT

WHEREAS WE, Jukka SUOMINEN having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Aleksi NURMI** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Janne SAUVALA** having an address of Jämeräntäival 11 H 161, Espoo, 02150 Finland; **Martin SABEL** having an address of Rebenweid 7, Hagedorn 6332 Switzerland; **Joakim PYYRY** having an address of Intiankatu 6 A 1, Helsinki 00560 Finland; and **Ramin BAGHAIE** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland, hereinafter referred to as “Assignors” believe we are the original, joint and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title:	SYSTEMS AND METHODS FOR GENERATING WORKFLOW OUTPUTS
Serial Number:	14/874,340
Filing Date:	October 2, 2015

WHEREAS, VARIAN MEDICAL SYSTEMS INTERNATIONAL AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland, hereinafter referred to as “Assignee(s)” are desirous of acquiring the Patent Application and the invention(s) described in the Patent Application;

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in and to the invention(s) described in the Patent Application for the territory of the United States and its possessions and territories and for the territory of all foreign countries worldwide;

in and to the Patent Application and all inventions and improvements that are described and/or claimed in the Patent Application, or any U.S. or foreign patent or application that claims or is entitled to claim the benefit of the priority date of said application, including any utility

application ("said utility application"); any continuation, continuation-in-part, or divisional application of said utility application; any patent(s) that issue from the foregoing application(s), including any utility patents and models; any patent(s) that issue from the foregoing application(s) and are subjected to *inter partes* review, supplemental examination, reexamination, reissue, substitutes, any post-grant proceeding, or the like; and any design registrations granted for any of the inventions or improvements described in the foregoing application(s) or patent(s); all rights in any inventions and improvements that are described and/or claimed in any patents and/or patent applications that claim or are entitled to claim priority to the filing date of any one or more of the foregoing applications and that are filed in accordance with the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; together with rights of priority created by such patent applications under any international treaty or convention relating thereto, including any rights accrued by the publication of the applications, such as 35 U.S.C. § 154(d), Art. 67(1), and any rights arising from the invention under laws and conventions protecting copyright, trademark, trade dress, or other industrial property, together with all rights of priority created by such patent applications under any international treaty or convention relating thereto; and

such invention(s), application(s), and patent(s) to be held and enjoyed by the Assignee, for the Assignee's own use and benefit, and for that of the Assignee's successors and assigns, until the end of the full term or terms for which such patent(s) may be granted, as fully and entirely as the same would have been held by the Assignors had this sale, assignment, transfer, and conveyance not been made.

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Assignors agree to communicate to the assignee or its representatives any facts known to the Assignors respecting the invention(s) and, when requested by the Assignee and at its expense, will testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns, and legal representatives, to obtain and enforce protection for the invention(s) in any and all countries.

Assignors agree that a copy of this Assignment shall be deemed a full, legal, and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose, and more particularly, in proof of the right of the Assignee, or its successors, assigns, and legal representatives to apply for patent or other protection for the invention(s), and to claim the benefits of the right of priority provided by any relevant international treaty or convention relating to any of the aforementioned patent applications.

Assignors covenant with the Assignee, its successors, assigns, and legal representatives, that to the best of the Assignors knowledge, the right, title and interest herein conveyed by the Assignors to the Assignee are free and clear of any encumbrance and that the Assignors have the right to sell, assign, transfer, and convey the same.

Date: _____

By: _____
Jukka SUOMINEN

Date: _____

By: _____
Aleksi NURMI

Date: _____

By: _____
Janne SAUVALA

Date: _____

By: _____
Martin SABEL

Date: _____

By: _____
Joakim PYYRY

Date: Oct. 18, 2015

By: _____
Ramin BAGHAIE

ASSIGNMENT

WHEREAS WE, Jukka SUOMINEN having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Alexi NURMI** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Janne SAUVALA** having an address of Jämeräntäival 11 H 161, Espoo, 02150 Finland; **Martin SABEL** having an address of Rebenweid 7, Hagendorn 6332 Switzerland; **Joakim PYYRY** having an address of Intiankatu 6 A 1, Helsinki 00560 Finland; and **Ramin BAGHAIE** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland, hereinafter referred to as “Assignors” believe we are the original, joint and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title:	SYSTEMS AND METHODS FOR GENERATING WORKFLOW OUTPUTS
Serial Number:	14/874,340
Filing Date:	October 2, 2015

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application (“said utility application”); any continuation, continuation-in-part, or divisional application of said utility application; any patent(s) that issue from the foregoing application(s), including any utility patents and models; any patent(s) that issue from the foregoing application(s) and are subjected to *inter partes* review, supplemental examination, reexamination, reissue, substitutes, any post-grant proceeding, or the like; and any design registrations granted for any of the inventions or improvements described in the foregoing application(s) or patent(s); all rights in any inventions and improvements that are described and/or claimed in any patents and/or patent applications that claim or are entitled to claim priority to the filing date of any one or more of the foregoing applications and that are filed in accordance with the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; together with rights of priority created by such patent applications under any international treaty or convention relating thereto, including any rights accrued by the publication of the applications, such as 35 U.S.C. § 154(d), Art. 67(1), and any rights arising from the invention under laws and conventions protecting copyright, trademark, trade dress, or other industrial property, together with all rights of priority created by such patent applications under any international treaty or convention relating thereto; and

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Date: _____

By: _____
Jukka SUOMINEN

Date: _____

By: _____
Aleksi NURMI


Date: _____

By: _____
Janne SAUVALA

Date: _____

By: _____
Martin SABEL

Date: Oct 15, 2015

By: 

Joakim PYYRY

Date: _____

By: _____
Ramin BAGHAIE

ASSIGNMENT

WHEREAS WE, **Jukka SUOMINEN** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Aleksi NURMI** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Janne SAUVALA** having an address of Jämeräntäival 11 H 161, Espoo, 02150 Finland; **Martin SABEL** having an address of Rebenweid 7, Hagendorn 6332 Switzerland; **Joakim PYYRY** having an address of Intiankatu 6 A 1, Helsinki 00560 Finland; and **Ramin BAGHAIE** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland, hereinafter referred to as "Assignors" believe we are the original, joint and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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WORKFLOW OUTPUTS

Serial Number: 14/874,340

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Date: _____

By: _____
Jukka SUOMINEN

Date: _____

By: _____
Aleksi NURMI

Date: _____

By: _____
Janne SAUVALA

Date: 13 -10- 2015

By: _____
Martin SABEL

Date: _____

By: _____
Joakim PYYRY

Date: _____

By: _____
Ramin BAGHAIE

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Date: _____

By: _____

Wayne KERANEN

Date: 10/12/2015

By:  _____

Seppo TUOMAALA

ASSIGNMENT

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Filing Date:	October 2, 2015

WHEREAS, VARIAN MEDICAL SYSTEMS INTERNATIONAL AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland, hereinafter referred to as “Assignee(s)” are desirous of acquiring the Patent Application and the invention(s) described in the Patent Application;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned Assignors, hereby confirm that we have agreed to sell, assign, transfer, and convey and by these presents do sell, assign, transfer, and convey unto the Assignee, its successors, and assigns, my entire right, title, and interest

in and to the invention(s) described in the Patent Application for the territory of the United States and its possessions and territories and for the territory of all foreign countries worldwide;

in and to the Patent Application and all inventions and improvements that are described and/or claimed in the Patent Application, or any U.S. or foreign patent or application that claims or is entitled to claim the benefit of the priority date of said application, including any utility

application (“said utility application”); any continuation, continuation-in-part, or divisional application of said utility application; any patent(s) that issue from the foregoing application(s), including any utility patents and models; any patent(s) that issue from the foregoing application(s) and are subjected to *inter partes* review, supplemental examination, reexamination, reissue, substitutes, any post-grant proceeding, or the like; and any design registrations granted for any of the inventions or improvements described in the foregoing application(s) or patent(s); all rights in any inventions and improvements that are described and/or claimed in any patents and/or patent applications that claim or are entitled to claim priority to the filing date of any one or more of the foregoing applications and that are filed in accordance with the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; together with rights of priority created by such patent applications under any international treaty or convention relating thereto, including any rights accrued by the publication of the applications, such as 35 U.S.C. § 154(d), Art. 67(1), and any rights arising from the invention under laws and conventions protecting copyright, trademark, trade dress, or other industrial property, together with all rights of priority created by such patent applications under any international treaty or convention relating thereto; and

such invention(s), application(s), and patent(s) to be held and enjoyed by the Assignee, for the Assignee’s own use and benefit, and for that of the Assignee’s successors and assigns, until the end of the full term or terms for which such patent(s) may be granted, as fully and entirely as the same would have been held by the Assignors had this sale, assignment, transfer, and conveyance not been made.

Assignors authorize the Assignee or the Assignee’s representative to insert the application number and filing date of this application into this Assignment or any application claiming priority thereto if they are unknown at the time this Assignment is executed.

Assignors agree that, when requested, they will, without charge to the Assignee but at their own expense, sign all papers, take all rightful oaths, make all rightful declarations, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents or other forms of protection for the invention(s) in any and all countries, and for vesting title thereto in the Assignee or its successors or assigns.

Assignors agree to communicate to the assignee or its representatives any facts known to the Assignors respecting the invention(s) and, when requested by the Assignee and at its expense, will testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns, and legal representatives, to obtain and enforce protection for the invention(s) in any and all countries.

Assignors agree that a copy of this Assignment shall be deemed a full, legal, and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose, and more particularly, in proof of the right of the Assignee, or its successors, assigns, and legal representatives to apply for patent or other protection for the invention(s), and to claim the benefits of the right of priority provided by any relevant international treaty or convention relating to any of the aforementioned patent applications.

Assignors covenant with the Assignee, its successors, assigns, and legal representatives, that to the best of the Assignors knowledge, the right, title and interest herein conveyed by the Assignors to the Assignee are free and clear of any encumbrance and that the Assignors have the right to sell, assign, transfer, and convey the same.

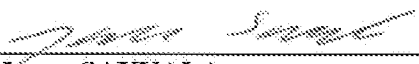
Date: _____

By: _____
Jukka SUOMINEN

Date: _____

By: _____
Aleksi NURMI

Date: ~~October 14~~ October 14, 2015

By: 
Janne SAUVALA

Date: _____

By: _____
Martin SABEL

Date: _____

By: _____
Joakim PYYRY

Date: _____

By: _____
Ramin BAGHAIE

ASSIGNMENT

WHEREAS WE, **Jukka SUOMINEN** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Aleksi NURMI** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland; **Janne SAUVALA** having an address of Jämeräntäival 11 H 161, Espoo, 02150 Finland; **Martin SABEL** having an address of Rebenweid 7, Hagendorn 6332 Switzerland; **Joakim PYYRY** having an address of Intiankatu 6 A 1, Helsinki 00560 Finland; and **Ramin BAGHAIE** having an address of c/o Varian Medical Systems International AG, Hinterbergstrasse 14, CH-6330 Cham Switzerland, hereinafter referred to as "Assignors" believe we are the original, joint and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Title: SYSTEMS AND METHODS FOR GENERATING
WORKFLOW OUTPUTS

Serial Number: 14/874,340

Filing Date: October 2, 2015

WHEREAS, **VARIAN MEDICAL SYSTEMS INTERNATIONAL AG**, Hinterbergstrasse 14, CH-6330 Cham Switzerland, hereinafter referred to as "Assignee(s)" are desirous of acquiring the Patent Application and the invention(s) described in the Patent Application;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned Assignors, hereby confirm that we have agreed to sell, assign, transfer, and convey and by these presents do sell, assign, transfer, and convey unto the Assignee, its successors, and assigns, my entire right, title, and interest

in and to the invention(s) described in the Patent Application for the territory of the United States and its possessions and territories and for the territory of all foreign countries worldwide;

in and to the Patent Application and all inventions and improvements that are described and/or claimed in the Patent Application, or any U.S. or foreign patent or application that claims or is entitled to claim the benefit of the priority date of said application, including any utility

application ("said utility application"); any continuation, continuation-in-part, or divisional application of said utility application; any patent(s) that issue from the foregoing application(s), including any utility patents and models; any patent(s) that issue from the foregoing application(s) and are subjected to *inter partes* review, supplemental examination, reexamination, reissue, substitutes, any post-grant proceeding, or the like; and any design registrations granted for any of the inventions or improvements described in the foregoing application(s) or patent(s); all rights in any inventions and improvements that are described and/or claimed in any patents and/or patent applications that claim or are entitled to claim priority to the filing date of any one or more of the foregoing applications and that are filed in accordance with the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; together with rights of priority created by such patent applications under any international treaty or convention relating thereto, including any rights accrued by the publication of the applications, such as 35 U.S.C. § 154(d), Art. 67(1), and any rights arising from the invention under laws and conventions protecting copyright, trademark, trade dress, or other industrial property, together with all rights of priority created by such patent applications under any international treaty or convention relating thereto; and

such invention(s), application(s), and patent(s) to be held and enjoyed by the Assignee, for the Assignee's own use and benefit, and for that of the Assignee's successors and assigns, until the end of the full term or terms for which such patent(s) may be granted, as fully and entirely as the same would have been held by the Assignors had this sale, assignment, transfer, and conveyance not been made.

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Assignors agree to communicate to the assignee or its representatives any facts known to the Assignors respecting the invention(s) and, when requested by the Assignee and at its expense, will testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns, and legal representatives, to obtain and enforce protection for the invention(s) in any and all countries.

Assignors agree that a copy of this Assignment shall be deemed a full, legal, and formal equivalent of any assignment, consent to file, or like document which may be required in any country for any purpose, and more particularly, in proof of the right of the Assignee, or its successors, assigns, and legal representatives to apply for patent or other protection for the invention(s), and to claim the benefits of the right of priority provided by any relevant international treaty or convention relating to any of the aforementioned patent applications.

Assignors covenant with the Assignee, its successors, assigns, and legal representatives, that to the best of the Assignors knowledge, the right, title and interest herein conveyed by the Assignors to the Assignee are free and clear of any encumbrance and that the Assignors have the right to sell, assign, transfer, and convey the same.

Date: _____

By: _____
Jukka SUOMINEN

Date: October 22, 2015

By: _____
Aleksi NURMI

Date: _____

By: _____
Janne SAUVALA

Date: _____

By: _____
Martin SABEL

Date: _____

By: _____
Joakim PYYRY

Date: _____

By: _____
Ramin BAGHAIE

Assignors agree to communicate to the assignee or its representatives any facts known to the Assignors respecting the invention(s) and, when requested by the Assignee and at its expense, will testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns, and legal representatives, to obtain and enforce protection for the invention(s) in any and all countries.

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Assignors covenant with the Assignee, its successors, assigns, and legal representatives, that to the best of the Assignors knowledge, the right, title and interest herein conveyed by the Assignors to the Assignee are free and clear of any encumbrance and that the Assignors have the right to sell, assign, transfer, and convey the same.

Date: 12-Oct-2015

By: 
Jukka SUOMINEN

Date: _____

By: _____
Aleksi NURMI

Date: _____

By: _____
Janne SAUVALA

Date: _____

By: _____
Martin SABEL

Date: _____

By: _____
Joakim PYYRY

Date: _____

By: _____
Ramin BAGHAIE