PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7728342

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL C. MCCORMACK	09/28/2015
ROBERT REDMOND	01/13/2016
WILLIAM G. AUSTEN JR.	11/05/2015
IRENE E. KOCHEVAR	11/16/2015

RECEIVING PARTY DATA

Name:	GENERAL HOSPITAL CORPORATION, THE
Street Address:	55 FRUIT STREET
City:	BOSTON
State/Country:	MASSACHUSETTS
Postal Code:	02114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16781415

CORRESPONDENCE DATA

Fax Number: (414)271-3552

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: 4142775000

Email: pat-dept@quarles.com,heather.torgerson@quarles.com

Correspondent Name: QUARLES & BRADY LLP

Address Line 1: 411 EAST WISCONSIN AVENUE

Address Line 2: SUITE 2400

Address Line 4: MILWAUKEE, WISCONSIN 53202-4428

ATTORNEY DOCKET NUMBER:	125141.03746
NAME OF SUBMITTER:	HEATHER TORGERSON
SIGNATURE:	/Heather Torgerson/
DATE SIGNED:	01/06/2023

Total Attachments: 12

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ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 28 day of September, 2015, by Michael C. McCormack, Robert Redmond, William G. Austen and Irene Kochevar (hereinafter referred to as Assignors), residing at 88 Fulton Street, Medford, MA 02155, 15 North Street, Newton Centre, MA 02459, 3 Brown Street, Weston, MA 02493 and 17 Monument Square, Boston, MA 02129, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in APPARATUS FOR TISSUE IRRADIATION AND METHODS AND KITS UTILIZING THE SAME, set forth in a Non-provisional application for Letters Patent of the United States, already filed on September 9, 2015 as U.S. Application No. 14/849,266; and

WHEREAS, The General Hospital Corporation, a company organized under and pursuant to the laws of Massachusetts having its principal place of business at 55 Fruit Street, Boston, Massachusetts 02114 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

SAUL EWING LLP

All practitioners at Customer Number 78905

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

9-28-15 Date	Michael C. McCormack
Witness:G 28 5	MARAL
Date	
Date	Robert Redmond
Witness:	
Date	
Date	William G. Austen
Witness:	william G. Austen
Date	
Date	Irene E. Kochevar
Witness:	
Date	

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 13th day of January, 2016, by Michael C. McCormack, Robert Redmond, William G. Austen, Jr., and Irene Kochevar (hereinafter referred to as Assignors), residing at 88 Fulton Street, Medford, MA 02155, 88 Fitch Road, Lancaster, MA 01523, 3 Brown Street, Weston, MA 02493 and 17 Monument Square, Boston, MA 02129, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in APPARATUS FOR TISSUE IRRADIATION AND METHODS AND KITS UTILIZING THE SAME, set forth in a Non-provisional application for Letters Patent of the United States, already filed on September 9, 2015 as U.S. Application No. 14/849,266; and

WHEREAS, The General Hospital Corporation, a company organized under and pursuant to the laws of Massachusetts having its principal place of business at 55 Fruit Street, Boston, Massachusetts 02114 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

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Date	Michael C. McCormack
Witness:	
Date	
1/13/2016	
Date	Robert Redmond
Witness:	
Date	
Date	William G. Austen, Jr.
Witness:	
Date	
Date	Irene E. Kochevar
Witness:	
Date	

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 5 th day of Nov., 2015, by Michael C.
McCormack, Robert Redmond, William G. Austen, Jr., and Irene Kochevar (hereinafter referred to as
Assignors), residing at 88 Fulton Street, Medford, MA 02155, 15 North Street, Newton Centre, MA
02459, 3 Brown Street, Weston, MA 02493 and 17 Monument Square, Boston, MA 02129, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in APPARATUS FOR TISSUE IRRADIATION AND METHODS AND KITS UTILIZING THE SAME, set forth in a Non-provisional application for Letters Patent of the United States, already filed on September 9, 2015 as U.S. Application No. 14/849,266; and

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NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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Date	Michael C. McCormack
Witness:	
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Date	Robert Redmond
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Date //2//5 Date	William G. Austen, Jr.
Witness: 11 5 1 5 Date	michelle Rowe
Date	Irene E. Kochevar
Witness:	
Date	

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Date	Michael C. McCormack
Witness:	
Date	
Date	Robert Redmond
Witness:	
Date	
Date	William G. Austen
Witness:	
Date	
16 Novartu 2015	Irene E. Kochevar
Witness:	
16 November 2015 Date	A. Rajadunai