

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4429534

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ROY H. SULLIVAN	09/12/2012
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HOLOGIC, INC.	
<b>Street Address:</b>	250 CAMPUS DRIVE	
<b>City:</b>	MARLBOROUGH	
<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	01752	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	15604128	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(408)877-1662	
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<b>ATTORNEY DOCKET NUMBER:</b>	70.013 US3	
<b>NAME OF SUBMITTER:</b>	NANCY RUSHTON	
<b>SIGNATURE:</b>	/Nancy Rushton/	
<b>DATE SIGNED:</b>	05/24/2017	
<b>Total Attachments: 7</b>		
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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, We, Roy H. Sullivan, Ronald D. Adams, Andrew Barnes, Jeffrey Radziunas, Joe Paul and Paul DiCesare, citizens of United States of America, have invented a certain invention entitled **TISSUE REMOVAL SYSTEM** for which one or more patent applications are being filed, including U.S. Provisional Application Serial Number **61/524,991** filed on August 18, 2011, U.S. Utility Application Serial Number 13/589,003 filed on August 17, 2012, and PCT Application No. US12/51487, filed on August 17, 2012, and have previously assigned all right, title and interest in, to and under said invention, and in, to and under any patent or similar legal protection in the United States and in all countries foreign thereto, to HOLOGIC, INC., a company organized and existing under the laws of Delaware, with its principal place of business located at 250 Campus Drive, Marlborough, Massachusetts, U.S.A., by virtue of assignment recorded on June 27, 2012 under Reel/Frame 028456/0050, and on Aug 16, 2012 under Reel/Frame 028801/0508, and

WHEREAS, to the extent that we, Roy H. Sullivan, Ronald D. Adams, Andrew Barnes, Jeffrey Radziunas, Joe Paul and Paul DiCesare (hereinafter referred to as "ASSIGNORS"), have any remaining right, title and interest in, to and under said invention, and in, to and under any patent or similar legal protection in the United States and in all countries foreign thereto, HOLOGIC, INC., (hereinafter referred to as "ASSIGNEE"), and

WHEREAS, ASSIGNEE is desirous of acquiring the exclusive remaining right, title and interest in, to and under said inventions and in, to and under any patent or similar legal protection to be obtained therefor in the United States and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign, transfer and set over unto the said ASSIGNEE, its successors and assign, the full and exclusive right, title and interest to said invention and to all Letters Patent or application or similar legal protection, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said application, and to any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in the United States or a foreign country for the full term or terms for which the same may be granted, including all priority rights under the International Convention; and ASSIGNORS hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents or any legal equivalent thereof, to issue said patents to ASSIGNEE, its successors and assigns, in accordance

with this Assignment.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement;

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents in the United States or in any foreign country, which may be necessary or desirable to carry out the purposes thereof.

9-12-12  
Date

R. Sullivan  
Roy H. Sullivan


Brenda M. Geary  
Name of Witness  
Brenda M. Geary  
Signature of Witness

9/12/12  
Date

Ronald D. Adams  
Ronald D. Adams

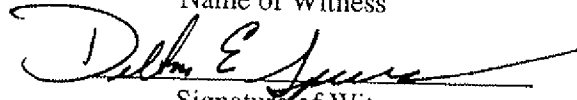
Brenda M. Geary  
Name of Witness  
Brenda M. Geary  
Signature of Witness

9/25/2012  
Date

  
Andrew Barnes

DELTON E. SPEERS

Name of Witness

  
Signature of Witness

10/26/2012  
Date

Jeffrey Radzinski  
Jeffrey Radzinski

[Signature]

Name of Witness

Oleg Shikhman

Signature of Witness

9/12/2012  
Date

[Signature]  
Joe Paul

Wendy C. Magnifico  
Name of Witness

Wendy C. Magnifico  
Signature of Witness



9/20/12  
Date

Paul DiCesare  
Paul DiCesare

DAN FERREIRA  
Name of Witness

[Signature]  
Signature of Witness