

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5539805

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	SHUSHENG HE	05/17/2018
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	<b>Property Type</b>	<b>Number</b>
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<b>SIGNATURE:</b>	/vicki k. vann/	
<b>DATE SIGNED:</b>	05/24/2019	
<b>Total Attachments: 2</b>		
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ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, **Shusheng HE**, citizen of the United States of America (hereinafter referred to as "ASSIGNOR"), have invented a certain invention entitled **BACKSCATTERING X-RAY IMAGER WITH X-RAY SOURCE AT DETECTOR CENTER** for which United States Provisional Patent Application No. **62/672,243** was filed on **May 16, 2018**; and

WHEREAS, I, INVENTOR declare the above-identified application was made or authorized to be made by me. I believe that I am the original 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; and

WHEREAS, HOLOGIC, INC., a corporation organized and existing under and by virtue of the laws of the state of Delaware and having its principal place of business at 250 Campus Drive, Marlborough, Massachusetts 01752, (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring the exclusive right, title and interest in, to and under said invention and in, to and under any Patent or similar legal protection to be obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the said ASSIGNEE, its successors and assigns, the full and exclusive right, title and interest to said invention and to all Letters Patent and applications therefore, or similar legal protection, including without limitation said U.S. Patent Application Serial No. **62/672,243**, not only in the United States and its territorial possessions, but in all countries foreign thereto to be obtained for said invention by said applications, and to any continuation, continuation-in-part, 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 ASSIGNOR hereby authorizes and requests 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.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Agreement. ASSIGNOR further covenants 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 ASSIGNOR, 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.

5/17/2018  
Date

  
Shusheng HE

Lu Xia

Name of Witness

  
Signature of Witness