

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HAILI CHUI	11/06/2019
LIYANG WEI	11/06/2019
JUN GE	11/08/2019
XIANGWEI ZHANG	11/06/2019
NIKOLAOS GKANATSIOS	11/06/2019
RECEIVING PARTY DATA	
Name:	HOLOGIC, INC.
Street Address:	250 CAMPUS DRIVE
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17692989
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ATTORNEY DOCKET NUMBER:	04576.0182USC1
NAME OF SUBMITTER:	TONG WU
SIGNATURE:	/Tong Wu/
DATE SIGNED:	03/14/2022
Total Attachments: 5	

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COMBINED DECLARATION AND ASSIGNMENT OF PATENT
APPLICATION

WHEREAS, WE, HAILI CHUI, LIYANG WEI, JUN GE, XIANGWEI ZHANG and NIKOLAOS GKANATSIOS, (hereinafter referred to as "ASSIGNORS"), have invented a certain invention entitled **SYSTEM AND METHOD FOR HIERARCHICAL MULTI-LEVEL FEATURE IMAGE SYNTHESIS AND REPRESENTATION** for which United States Provisional Patent Application No. **62/478,977** was filed with the United States Patent and Trademark Office on **March 30, 2017**; and PCT application no. **PCT/US2018/024911** was filed with the United States Patent and Trademark Receiving Office on **March 28, 2018**, and U.S. Application No. **16/497,764** was filed with the United States Patent and Trademark Office on **September 25, 2019**, and

WHEREAS, I, Haili Chui, Liyang Wei, Jun Ge, Xiangwei Zhang and Nikolaos Gkanatsios declare the above-identified application was made or authorized to be made by me. I believe 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; 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, ASSIGNORS hereby sell, assign, transfer and set 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. Provisional Application Serial No. **62/478,977** and PCT application no. **PCT/US2018/024911** and U.S. Patent Application Serial No. **16/497,764**, 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 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 confirm that they each had, as of the time said invention was conceived and continuing to have to the present date, an obligation to assign said invention to ASSIGNEE under their respective employment agreements, and 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.

11/8/2019

Date

Haili Chui

Haili Chui

LIYANG WEI

Name of Witness

[Signature]

Signature of Witness

11/6/2019

[Signature]

Date

Liyang Wei

Haili L. Wei

Name of Witness

Haili L. Wei

Signature of Witness

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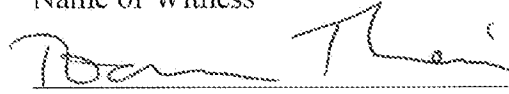
11/8/2019

Date


Jun Ge

TOAN THAI

Name of Witness



Signature of Witness

Date

Xiangwei Zhang

Name of Witness

Signature of Witness

Date

Nikolaos Gkanatsios

Name of Witness

Signature of Witness

11/6/2019
Date Jun Ge

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Date

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