

PATENT ASSIGNMENT COVER SHEET

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|---|---------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| AVIV REGEV | 03/05/2020 |
| RECEIVING PARTY DATA | |
| Name: | THE BROAD INSTITUTE, INC. |
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| Postal Code: | 02142 |
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| Street Address: | 77 MASSACHUSETTS AVENUE |
| City: | CAMBRIDGE |
| State/Country: | MASSACHUSETTS |
| Postal Code: | 02139 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 16681639 |
| CORRESPONDENCE DATA | |
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| NAME OF SUBMITTER: | SUSAN FRATTURA |
| SIGNATURE: | /Susan Frattura/ |
| DATE SIGNED: | 04/01/2020 |

Total Attachments: 3

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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

THE BROAD INSTITUTE, INC.
415 Main Street
Cambridge, Massachusetts 02142

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
77 Massachusetts Avenue
Cambridge, Massachusetts 02139

(hereinafter referred to singly and collectively as "ASSIGNEES") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

COMPRESSED SENSING FOR SCREENING AND TISSUE IMAGING

as set forth in this United States Patent Application

check one ☐ executed concurrently herewith,
 ☐ executed on _____,
 ☒ Serial No. 16/681,639 Filed November 12, 2019

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, substitute applications, reissues, or extensions of said applications and Letters Patent, (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international convention or treaty; and (f) the right to sue in its own name and recover damages for past infringement of any Letters Patent which may issues from said applications in the United States and countries foreign thereto; such entire right, title, and interest throughout the world to be held and enjoyed by ASSIGNEES, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

For purposes of complying with foreign requirements, the above paragraph is intended to expressly grant all the recited rights and grants in China, Korea, and Japan

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the right, title and interests, both legal and equitable, sold, assigned, and transferred herein free from all prior assignments, agreements, licenses or mortgages, security interests or other encumbrances whatsoever, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEES to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEES or otherwise as ASSIGNEES may deem advisable under the International Convention or otherwise.

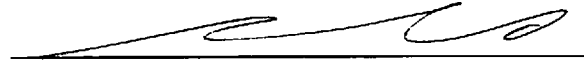
ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEES as assignees of the entire interest, for the sole use and benefit of ASSIGNEES, its successors and assigns.

ASSIGNOR HEREBY AGREES, without further payment or compensation by said ASSIGNEES or its successor or assigns: (a) to communicate to ASSIGNEES, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEES; (b) to testify in person or by affidavit as required by ASSIGNEES, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEES, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, and depositions; and (d) to provide all reasonable assistance to ASSIGNEES, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY GRANTS to the law firm of **Johnson, Marcou, Isaacs & Nix, LLC** the power and authority to supply and/or to correct any errors in the patent/application information provided above including, but not limited to, said application serial number and filing date, which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office, or any other patent issuing authority, for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Johnson, Marcou, Isaacs & Nix, LLC** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEES; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

In testimony whereof, I hereunto set my hand and seal the day and year opposite my respective signature.



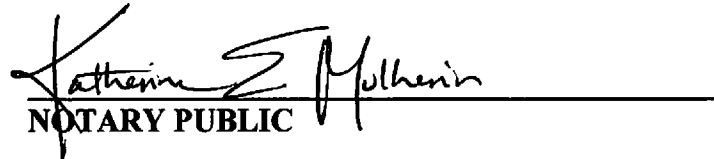
AVIV REGEV
for myself and as agent of
Howard Hughes Medical Institute

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF MIDDLESEX

Before me, a Notary Public in and for the aforementioned state, on
this 5th day of March, 2020 personally appeared **AVIV REGEV**, who,
being duly sworn, signed and acknowledged the foregoing Assignment.



SEAL


NOTARY PUBLIC

My Commission Expires: 7/12/24

ACCEPTANCE OF ASSIGNMENT

I, F. Brent Nix on behalf of Assignees, accept the assignment of the above-referenced application.

F. Brent Nix, Esq.
Principal
Johnson, Marcou, Isaacs & Nix, LLC