

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AVIV REGEV	10/21/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BROAD INSTITUTE, INC.
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<b>Postal Code:</b>	02139
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15772035
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<b>ATTORNEY DOCKET NUMBER:</b>	BROD-0780US
<b>NAME OF SUBMITTER:</b>	SUSAN FRATTURA
<b>SIGNATURE:</b>	/Susan Frattura/
<b>DATE SIGNED:</b>	06/28/2018

**Total Attachments: 3**

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ASSIGNMENT

I, Aviv Regev, residing at: 15A Ellsworth Ave., Cambridge, MA 02139, USA, being the inventor(s) of certain improvements in the international application entitled: **HIGH-THROUGHPUT DYNAMIC REAGENT DELIVERY SYSTEM** for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby assign unto **THE BROAD INSTITUTE INC.** having a place of business at 415 Main Street, Cambridge MA 02142, USA, and *I do hereby sell, assign and transfer, for myself and as agent for the Howard Hughes Medical Institute, unto said Assignee* **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139 its successors and assigns (1) the entire right, title and interest in all countries throughout the world in and to any and all of my inventions and discoveries in my United States Provisional Application No. 62/247,344 filed October 28, 2015 and a PCT International Application filed under the Patent Cooperation Treaty in the PCT United States Receiving Office (RO/US) on October 28, 2016, identified as International Application No. PCT/US2016/059600, and designating all PCT member countries/states, as well as in any renewals, revivals, reissues, reexaminations, extensions, continuations and divisions thereof, and any substitute applications therefore; (2) the full and complete right to file patent applications in the name of **THE BROAD INSTITUTE INC.** and **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, or their designee's election, on the aforesaid inventions, discoveries and applications in all countries of the world; (3) the entire right title and interest in and to any Letters Patent which may issue on the aforesaid inventions, discoveries and applications in any country of the world and any renewals, revivals, reissues, reexaminations and extensions thereof, and any patents of confirmation, registration and importation of the same; and (4) the entire right, title and interest in and to all Convention and Treaty Rights of all kinds thereon, including without limitation all rights of priority in any country of the world, in and to the following application(s):

United States Provisional Application No. 62/247,344 filed October 28, 2015, and all rights of priority in any country of the world deriving from the above-identified International Application.

I hereby authorize and request the competent authorities to grant and to issue any and all such Letters Patent in any country throughout the world to **THE BROAD INSTITUTE INC.** and **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** as the assignee of the entire

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ROAD INSTITUTE INC. and  
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ROAD INSTITUTE INC. and  
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to secure patent protection on  
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and all rights of THE BROAD  
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HUSSETTS INSTITUTE OF  
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be effective as to such a PCT

Aviv Regev for myself and as agent of  
Howard Hughes Medical Institute

for myself and as agent of  
 es Medical Institute

COUNTY OF Middlesex )

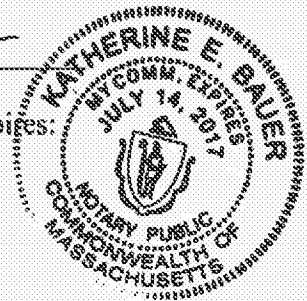
I, Katherine E. Bauer, a Notary Public in and for the county and Commonwealth aforesaid, do hereby certify that Aviv Regev, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that she signed and delivered the said instrument as her free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 21<sup>st</sup> day of October, 2016.

Katherine E. Bauer  
Notary Public

My Commission Expires:

7.14.17



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