

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned **Hok Hei Tam**, a citizen of the United States, having a mailing address of 12 Edinboro Ter, Unit 1, Newton, MA 02460; and **David Barry Kolesky**, a citizen of the United States, having a mailing address of 130 Cambridgepark Dr., #307, Cambridge, MA 02140, hereby:

has sold, assigned, and transferred and/or do hereby sell, assign, and transfer to **FLAGSHIP PIONEERING, INC.**, a Delaware corporation having a place of business at 55 Cambridge Parkway, 8th floor Suite 800E, Cambridge, Massachusetts 02142, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions which are disclosed in application for a patent filed in the United States Patent and Trademark Office in the following:

ATTORNEY DOCKET NO.	TITLE	DATE FILED	APPLICATION NUMBER
51296-033WO2	ACHROMOSOMAL DYNAMIC ACTIVE SYSTEMS	12/10/2019	PCT/US2019/065562

¹

and in and to said application and any application that is based in whole or in part on said application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example applications that claim priority to said application, that have been or may be filed in the United States or elsewhere in the world; all patents (including reissues and re-examinations) that may be granted on said any and all applications set forth herein; and all rights to claim priority to said application and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights; and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said applications when known;

Agree that said Assignee may apply for and receive a patent for said any and all inventions in its own name in the United States or anywhere in the world issued in said Assignee's name; and when requested, without charge to but at the expense of said Assignee, We agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by

¹ We appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known.

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executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

12/09/2019

Date

By: **FLAGSHIP PIONEERING, INC.**

DocuSigned by:

Chuck Carelli

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Signature

Charles Carelli

Printed Name of Signor

Chief Financial Officer

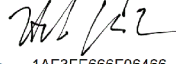
Title/Authority of Signor

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12/9/2019

Date

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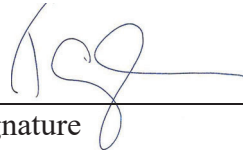
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Hok Hei Tam

Witness:

12-9-2019

Date



Signature

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12/9/2019

Date

DocuSigned by:

David Kolesky

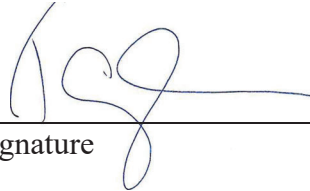
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David Barry Kolesky

Witness:

12-9-2019

Date


Signature