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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY DA	\ T A				
		Name	Execution Date		
HIROAKI MATSUNAMI			08/10/2018		
KENTARO IKEGAMI			08/17/2018		
MAIRA NAGAI			07/24/2018		
			07/24/2018		
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PROPERTY NUMBERS Property Type	Total: 1	Number			
Application Number: 17		7255811			
	e sent to	608)662-1276 the e-mail address first; if that is uns			
using a fax number, if p Email:		; if that is unsuccessful, it will be sen	t via US Mail.		
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NAME OF SUBMITTER:		ROBERT A GOETZ	ROBERT A GOETZ		
SIGNATURE:		/ROBERT A GOETZ/	/ROBERT A GOETZ/		
DATE SIGNED:		05/23/2022	05/23/2022		
Total Attachments: 1	(acuted A	ssignment#page1.tif			

PATENT Attorney Docket No.: DUKE-36488/US-1/PRO Duke Ref.: DU6264PROV

ASSIGNMENT

WHEREAS, WE, Hiroaki Matsunami, Kentaro Ikegami, Maira Nagal, and Claire De March, hereinafter referred to as "ASSIGNORS," have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

APPLICATION TITLE:	SYNTHETIC ODOR	IETIC ODORANT RECEPTORS			
DATE OF FILING:	26-Jun-2018	SERIAL NUMBER:	62/690,198		

WHEREAS, Duke University, having its principal office at 2812 Erwin Road, Suite 306, P.O. Box 90083, Durham, NC 27705, hereinafter referred to as "ASSIGNEE," is desirous of acquiring the entire right, title and interest in said invention and application and in any Letters Patent which may be granted on the same.

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned and transferred, and by these presents do sell, assign and transfer unto said ASSIGNEE, and ASSIGNE E's successors and assigns, all right, title and interest in and to said invention, including the right to claim priority to said United States Patent Application and by this assignment, to any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, or prolongations or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNOR had this assignment and transfer not been made, to the full extent and term of any Letters Patent.

ASSIGNORS further agree that ASSIGNORS will, without charge to said ASSIGNEE, but at ASSIGNEE's expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications; execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof; and perform such other acts as ASSIGNEE lawfully mayinequest, to obtain or maintain such Letters Patent in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE's successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed ASSIGNORS' names to this Assignment on the date indicated

below.		
ASSIGNOR: By:	A la Mat	Date: 8/10/18
Printed Name:	Hiroaki Matsunami	Witness: AASHUTUSH VI
ASSIGNDR: By: Printed Name:	Kentaro Ikegami	Date: 8/17/18 Witness: Hirotaka Kato
ASSIGNOR: By:	Midina II Magai 7/24/18	Date: 07/24/18
Printed Name:	Maira Nagai	Witness:) 2005 Co-AA
ASSIGNOR: By:	<u> </u>	Date: July 24, 200
Printed Name:	Claire De March	Witness: AASAUTUSH

PATENT REEL: 059980 FRAME: 0689

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RECORDED: 05/23/2022