502555587 11/03/2013

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREAS MERSHIN	10/22/2013
ASMAMAW WASSIE	09/05/2013
YAEL MAGUIRE	10/24/2013
DAVID KONG	10/22/2013
SHUGUANG ZHANG	10/22/2013
PATRICK MORAN	10/22/2013
KAROLINA CORIN	09/09/2013

RECEIVING PARTY DATA

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City:	Cambridge
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Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13966169

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ATTORNEY DOCKET NUMBER: MIT_15678JX

PATENT

REEL: 031533 FRAME: 0231

P \$40,00 1396616

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NAME OF SUBMITTER:	STEPHEN R OTIS 64226
Signature:	/STEPHEN R OTIS 64226/
Date:	11/03/2013
Total Attachments: 8 source=15678JX_assignment_E#page1.tif source=15678JX_assignment_E#page2.tif source=15678JX_assignment_E#page3.tif source=15678JX_assignment_E#page4.tif source=15678JX_assignment_E#page5.tif source=15678JX_assignment_E#page6.tif source=15678JX_assignment_E#page7.tif source=15678JX_assignment_E#page9.tif	

PATENT REEL: 031533 FRAME: 0232

ASSIGNMENT OF PATENT APPLICATION

FOR GOOD AND VALUABLE CONSIDERATION.

We, the undersigned (each) have agreed and hereby agree to assign for good and valuable consideration, receipt of which is hereby expressly acknowledged, and do hereby sell, assign and transfer unto

Massachusetts Institute of Technology

a corporation organized under the laws of the state of Massachusetts as Assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to

Methods and Apparatus for Artificial Olfaction

described in an application for Letters Patent of the United States, identified as Attorney Docket No. MIT 15678JX NP, at Otis Patent Law, 1181 Wade Street, Highland Park, IL 60035 and filed on 8/13/2013, as Application Serial No. 13966169, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent, and all the rights and privileges under any and all Letters Patent that may be granted therefor in any country, and any reissues, or reexaminations, or extensions of said Letters Patent. We request that any and all Letters Patent for said inventions be issued to said Assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said Assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said Assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said Assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International convention which may henceforth be substituted for it.

Page 1 of 6

PATENT REEL: 031533 FRAME: 0233 We hereby authorize Stephen Otis, attorney for Assignee, to insert the filing date and Serial number into the first paragraph of this assignment, after the application for Letters Patent has been filed, and the U.S. Patent Office has assigned such application a Serial Number.

We covenant with said Assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

IN WITNESS WHEREOF,	we have hereunto signed our names on the day and year set forth below.
100-2-	DATE DATE
Inventor's Signature	DATE
Andreas Mershin	
Inventor's Printed Name	
STATE OF)) SS
COUNTY OF)
evidence to be the same indi	, before me personally came the above no is personally known by me or proved to me on the basis of satisfactory vidual who executed the foregoing assignment, and who acknowledged to me e of his/her own free will for the use and purposes therein set forth.
	NOTARY PUBLIC
	My Commission Expires:

<u> </u>	09/05/2013
Inventor's Signature	DATE
Asmamaw Wassie Inventor's Printed Name	
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named <u>Asmamaw Wassie</u> who is pevidence to be the same individual v	, before me personally came the above resonally known by me or proved to me on the basis of satisfactory ho executed the foregoing assignment, and who acknowledged to me her own free will for the use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:
Inventor's Signature	DATE
Yael Maguire Inventor's Printed Name	
Inventor's Printed Name STATE OF) SS COUNTY OF)	
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On this day of named <u>Yael Maguire</u> who is perso evidence to be the same individual v	, before me personally came the above nally known by me or proved to me on the basis of satisfactory ho executed the foregoing assignment, and who acknowledged to me ber own free will for the use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:

Inventor's Signature	DATE
Asmamaw Wassie Inventor's Printed Name	ANY THE REAL PROPERTY OF THE P
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named <u>Asmamaw Wassie</u> who evidence to be the same individ	is personally known by me or proved to me on the basis of satisfactory all who executed the foregoing assignment, and who acknowledged to me his/her own free will for the use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:
Inventor's Signature	10/24/13 DATE
Yael Maguire Inventor's Printed Name	y v
STATE OF CAUFORNIC) COUNTY OF SAN MATEO)	SS
COUNTY OF SAM MATER)	
evidence to be the same individ	bersonally known by me or proved to me on the basis of satisfactory all who executed the foregoing assignment, and who acknowledged to me his/her own free will for the use and purposes therein set forth.
DAMIONNE DEGRAFFINRE Commission # 20038: Notary Public - Californ Santa Clara County Ny Comm. Expires Jan 11	My Commission Expires: 0/11/2017

	10/22/13
inventor's Signature	DATE
David Kong	
Inventor's Printed Name	
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to be the same individual v	before me personally came the above resonally known by me or proved to me on the basis of satisfactory evidence to executed the foregoing assignment, and who acknowledged to me that is/her own free will for the use and purposes therein set forth.
	NOTARY PUBLIC My Commission Expires:

10 / J	
	10/25/2018
Inventor's Signature	DATE
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Shuguang Zhang Inventor's Printed Name	
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COUNTY OF) SS)
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On this day of named Shuguang Zhang who	,, before me personally came the above is personally known by me or proved to me on the basis of satisfactor
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that he/she executed the same	of his/her own free will for the use and purposes therein set forth.
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	NOTARY PUBLIC My Commission Expires:
	way Commission Capacs.
Inventor's Signature	DATE
No. contribution of	
Patrick Moran Inventor's Printed Name	
inventor 53 minec ivanic	
STATE OF)
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named Patrick Moran who i	s personally known by me or proved to me on the basis of satisfactor
that he/she executed the same	idual who executed the foregoing assignment, and who acknowledged to m of his/her own free will for the use and purposes therein set forth.
	or many with the title and and parpoons that our doctor.
	NOTARY PUBLIC
	My Commission Expires:
Inventor's Signature	DATE

Page 5 of 6

Inventor's Signature	DATE
Shuguang Zhang Inventor's Printed Name	
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evidence to be the same indiv	before me personally came the above is personally known by me or proved to me on the basis of satisfactor lual who executed the foregoing assignment, and who acknowledged to not finis/her own free will for the use and purposes therein set forth.
	NOTARY PUBLIC
	My Commission Expires:
Pala // Landers Fignature	
Patrick Moran Inventor's Printed Name	
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that he/she executed the same	lual who executed the foregoing assignment, and who acknowledged to not find the foregoing assignment, and who acknowledged to not find the foregoing assignment, and who acknowledged to not find the foregoing assignment, and who acknowledged to not find the foregoing assignment.
	NOTARY PUBLIC
	My Commission Expires:
Inventor's Signature	DATE

Page 5 of 6

112	9-9-13
Inventor's Signature	DATE
Karolina Corin	
Inventor's Printed Name	
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evidence to be the same individual who ex	known by me or proved to me on the basis of satisfactory recuted the foregoing assignment, and who acknowledged to me wn free will for the use and purposes therein set forth.
	NOTARY PUBLIC
	My Commission Expires: