504929054 05/24/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4975800

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ERIC GOLDFARB	08/24/2017
JOHN Y. CHANG	08/23/2017
WILLIAM M. FACTEAU	08/23/2017
SIVETTE LAM	03/28/2018
ISAAC J. KIM	07/11/2016
KETAN P. MUNI	08/27/2017

RECEIVING PARTY DATA

Name:	ACCLARENT, INC.
Street Address:	33 TECHNOLOGY DRIVE
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92618

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15187938

CORRESPONDENCE DATA

Fax Number: (513)651-6981

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 513-651-6800 Email: dattix@fbtlaw.com ANDREW B. ULMER **Correspondent Name:**

Address Line 1: 3300 GREAT AMERICAN TOWER Address Line 2: 301 EAST FOURTH STREET Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER:	ACC5002USDIV11.0638117
NAME OF SUBMITTER:	ANDREW B. ULMER
SIGNATURE:	/Andrew B. Ulmer/
DATE SIGNED:	05/24/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12 source=ACC5002USDIV11-Dec-Asn-Signed#page1.tif source=ACC5002USDIV11-Dec-Asn-Signed#page2.tif source=ACC5002USDIV11-Dec-Asn-Signed#page3.tif source=ACC5002USDIV11-Dec-Asn-Signed#page4.tif source=ACC5002USDIV11-Dec-Asn-Signed#page5.tif source=ACC5002USDIV11-Dec-Asn-Signed#page6.tif source=ACC5002USDIV11-Dec-Asn-Signed#page7.tif source=ACC5002USDIV11-Dec-Asn-Signed#page8.tif source=ACC5002USDIV11-Dec-Asn-Signed#page9.tif source=ACC5002USDIV11-Dec-Asn-Signed#page9.tif source=ACC5002USDIV11-Dec-Asn-Signed#page10.tif source=ACC5002USDIV11-Dec-Asn-Signed#page11.tif source=ACC5002USDIV11-Dec-Asn-Signed#page11.tif

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: SYSTEMS AND METHOOR THROAT	DDS FOR TRANSNASAL DILATION OF PASSAGEWAYS IN THE EAR, NOSE
This declaration and assignment is directed to:	· •
	The attached or filed herewith application of (list of named inventors),
or	
	The United States application or PCT international application number 15/187,938 filed on June 21, 2016.
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application ("Application of the above-identified application of th	ation") was made or authorized by me.
I believe that I am the original inventor or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the contoinformation which is material to patentability as dethis Application in the United States of America.	ents of the Application, including the claims, and I acknowledge the duty to disclose effined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that any willful fals imprisonment of not more than five (5) years, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or th for filings of this Application in the United States of America.
Assignment	Acclarent, Inc. 33 Technology Drive Irvine, California 92618
A corp	oration of the state or country of <u>Delaware</u>
(he	reinafter designated as the "Assignee"),
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the assigned and transferred to Assignee:	e sufficiency of which is acknowledged. I hereby assign and transfer and/or have
the right to claim priority to the Application, all in States, European Patent Office and of all other continuations or discoveries and all rights in continuations thereof, and to all Letters Patent the supplementary protection certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and oventions or discoveries therein disclosed, and any and all Letters Patent of the United puntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
	Page 1 of 2

I shall execute all papers necessary in connection with the Application in the United States Patent and Trademark Office, European Patent Office, any other patent offices, and under the Patent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any reexamination of any of such applications, and any patent term extensions or supplementary protection certificates of any such applications and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

I shall execute all papers necessary in connection with any litigation or any other judicial proceeding in the United States or other country, or any administrative proceeding in the United States Patent and Trademark Office, European Patent Office, any other patent office, or under the Patent Cooperation Treaty concerning the Application(s) or any continuation, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patent issued therefrom or any patent term extensions or supplementary protection certificates of any such applications and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such litigation or proceeding.

I shall execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Eric Goldfarb

LEGAL NAME OF INVENTOR

Signature

Data

Page 2 of 2

REEL: 045890 FRAME: 0890

COMBINED DECLARATION AND ASSIGNMENT

	001123121 (222	
Title of Invention: SYSTEM OR THROAT	S AND METH	ODS FOR TRANSNASAL DILATION OF PASSAGEWAYS IN THE EAR, NOSE
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		The attached or filed herewith application of (list of named inventors),
	or	
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As the below named inven	tor, I hereby dec	clare that:
The above-identified appli	cation ("Applica	ation") was made or authorized by me.
I believe that I am the orig	inal inventor or	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and unde information which is material to paths. Application in the United States	itentability as de	ents of the Application, including the claims, and I acknowledge the duty to disclose efined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby acknowledge that imprisonment of not more than five	any willful fals (5) years, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or the for filings of this Application in the United States of America.
Assignment		
	٠	Acclarent, Inc. 33 Technology Drive Irvine, California 92618
	A corp	oration of the state or country of Delaware
•	(hei	reinafter designated as the "Assignee"),
I hereby acknowledge that which is hereby conformed for reco	I have assigned rdation in the U	I the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable conssigned and transferred to Assigned		e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Ap States, European Patent Office and such inventions or discoveries and continuations thereof, and to all Le supplementary protection certificate	plication, all invited for all rights in etters Patent that is, reexamination terms is	the Application, including all priority rights for other countries arising therefrom and ventions or discoveries therein disclosed, and any and all Letters Patent of the United untries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and it may be granted for said inventions and discoveries, and in and to all extensions, ns, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would nent and sale not been made.
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John Y. Chang LEGAL NAME OF INVENTOR

Signature

8/23/17

Page 2 of 2

COMBINED DECLARATION AND ASSIGNMENT

	n: <u>Systems and meth</u>	ODS FOR TRANSNASAL DILATION OF PASSAGEWAYS IN THE EAR, NOSE
OR THROAT	agai an mont in directed to:	
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		The attached or filed herewith application of (list of named inventors),
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The above-io	lentified application ("Applic	ation") was made or authorized by me.
I believe that	t I am the original inventor or	an original inventor of a claimed invention or discovery in the Application.
information which is	wed and understood the cont material to patentability as d e United States of America.	ents of the Application, including the claims, and I acknowledge the duty to disclose lefined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of
I hereby ack imprisonment of not r	nowledge that any willful fal nore than five (5) years, or bo	se statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or oth for filings of this Application in the United States of America.
Assignment		Acclarent, Inc. 33 Technology Drive Irvine, California 92618
	A corp	poration of the state or country of <u>Delaware</u>
	(he	ereinafter designated as the "Assignee"),
I hereby ack which is hereby confo	nowledge that I have assigne ormed for recordation in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee IS Patent Office and I confirm I have and do assign and transfer:
or		
For good an assigned and transferr		e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim prices tates, European Pat such inventions or decontinuations thereof, supplementary protect and enjoyment to the	ority to the Application, all in ent Office and of all other co- liscoveries and all rights in , and to all Letters Patent th tion certificates, reexamination	the Application, including all priority rights for other countries arising therefrom and eventions or discoveries therein disclosed, and any and all Letters Patent of the United countries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
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I shall do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and in all other countries where Assignee may desire to have such inventions or discoveries, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Wacteen

William M. Facteau

LEGAL NAME OF INVENTOR

Signature

Date

OS Application No.: 1

COMBINED DECLARATION AND ASSIGNMENT

COMDINED DECLARATION AND ASSIGNMENT	
Title of Invention: SYSTEMS AND METHODS FOR TRANSNASAL DILATION OF PASSAGEWAYS I OR THROAT	N THE EAR, NOSE
This declaration and assignment is directed to:	
The attached or filed herewith application of (list of named inve	entors),
or	
The United States application or PCT international application number 15/187,938 filed on June 21, 2016.	
Declaration	
As the below named inventor, I hereby declare that:	
The above-identified application ("Application") was made or authorized by me.	
I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Ap	plication.
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations this Application in the United States of America.	
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S. imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.	
Assignment	
Acclarent, Inc. 33 Technology Drive Irvine, California 92618	
A corporation of the state or country of <u>Delaware</u>	
(hereinafter designated as the "Assignee"),	
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:	l hereto) to Assignee
or	
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and assigned and transferred to Assignee:	transfer and/or have
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries at the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries such inventions or discoveries and all rights in such Application including any and all provisionals, substitut continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in a supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assi and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entired have been held and enjoyed by me had this assignment and sale not been made.	Patent of the United s, or any of them, all tions, divisions, and and to all extensions, ignee for its own use
Page 1 of 2	

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I hereby (i) authorize and request the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or reissue applications thereof, and any reexamination of any of such applications, to Assignee, and (ii) covenant that I have full right to convey the interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Sivette Lam
I EGAL NAME OF INVENTOR

Signature

Date

03/28/2018

COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: SYSTEMS A	.ND METHO	ODS FOR TRANSNASAL DILATION OF PASSAGEWAYS IN THE EAR, NOSE
This declaration and assignment is dire	cted to:	
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Declaration		
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Assignment		Acclarent, Inc. 33 Technology Drive Irvine, California 92618
	A corp	oration of the state or country of Delaware
	(he	reinafter designated as the "Assignee"),
I hereby acknowledge that I which is hereby conformed for records	nave assigned tion in the U	d the above-identified invention by previous assignment (attached hereto) to Assignee S Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable cons assigned and transferred to Assignee:	ideration, the	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
the right to claim priority to the Appli States, European Patent Office and o such inventions or discoveries and continuations thereof, and to all Lette supplementary protection certificates.	cation, all in f all other co all rights in ers Patent the reexamination or terms	the Application, including all priority rights for other countries arising therefrom and eventions or discoveries therein disclosed, and any and all Letters Patent of the United buntries, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and at may be granted for said inventions and discoveries, and in and to all extensions, ons, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use for which such Letters Patent may be granted, as fully and entirely as the same would ment and sale not been made.
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I hereby grant the attorney of record the power to insert on this assument any further identification which may be necessary or desirable in order to obtain legal recordation of this document.

Isaac J. Kim

LEGAL NAME OF INVENTOR

Signature

11 July 2014

Page 2 of 2

COMBINED DECLARATION AND ASSIGNMENT
Title of Invention: <u>systems and methods for transnasal dilation of passageways in the ear, nose or throat</u>
This declaration and assignment is directed to:
The attached or filed herewith application of (list of named inventors),
or
The United States application or PCT international application number 15/187,938 filed on June 21, 2016.
Declaration
As the below named inventor, I hereby declare that:
The above-identified application ("Application") was made or authorized by me.
I believe that I am the original inventor or an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understood the contents of the Application, including the claims, and I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this Application in the United States of America.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or mprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.
Assignment Acclarent, Inc. 33 Technology Drive Irvine, California 92618 A corporation of the state or country of Delaware
(hereinafter designated as the "Assignee"),
I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee which is hereby conformed for recordation in the US Patent Office and I confirm I have and do assign and transfer:
or ·
For good and valuable consideration, the sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned and transferred to Assignee:
my entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom and the right to claim priority to the Application, all inventions or discoveries therein disclosed, and any and all Letters Patent of the United States, European Patent Office and of all other countries, which may be granted for such inventions or discoveries, or any of them, all such inventions or discoveries and all rights in such Application including any and all provisionals, substitutions, divisions, and continuations thereof, and to all Letters Patent that may be granted for said inventions and discoveries, and in and to all extensions, supplementary protection certificates, reexaminations, renewals, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.
Page 1 of 2

Attorney Docket No.: ACC5002USDIV11

US Application No.: 15/187,938

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Ketan P. Muni

LEGAL NAME OF INVENTOR

Signature

Data

Page 2 of 2