505737570 10/23/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5784384

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HENRY F. SALAZAR	10/05/2019
ATHANASIOS PAPADAKIS	10/02/2019
JETMIR PALUSHI	09/13/2019
FATEMEH AKBARIAN	10/14/2019
MARC DEAN	09/24/2019
JULIE M. TAYLOR	09/20/2019
EHSAN SHAMELI	10/05/2019
JOHN H. THINNES JR.	09/16/2019
KRISHNA MURTHY RAJAN	10/04/2019
BABAK EBRAHIMI	10/04/2019

RECEIVING PARTY DATA

Name:	ACCLARENT, INC.
Street Address:	31 TECHNOLOGY DRIVE, SUITE 200
City:	IRVINE
State/Country:	CALIFORNIA
Postal Code:	92618

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16556283

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: 5136516800

Email: jdewar@fbtlaw.com
Correspondent Name: ANDREW B. ULMER

Address Line 1: 301 EAST FOURTH STREET
Address Line 2: 3300 GREAT AMERICAN TOWER

Address Line 4: CINCINNATI, OHIO 45202

ATTORNEY DOCKET NUMBER: ACC6026USNP1.0722417

NAME OF SUBMITTER:	ANDREW B. ULMER	
SIGNATURE:	/Andrew B. Ulmer/	
DATE SIGNED:	10/23/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 20		
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COMBINED DECLARATION AND ASSIGNMENT

Title of Invention: COUPLING ASSEMBLY	FOR VARIABLE DIAMETER SURGICAL INSTRUMENT
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
Or	
\boxtimes	The United States application or PCT international application number 16/556,283 filed on August 30, 2019.
Declaration	
As the below named inventor, I hereby dec	clare that:
The above-identified application ("Application of the control of t	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.
	ents of the Application, including the claims, and I acknowledge the duty to disclose fined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this
	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	
	Acclarent, Inc. 3 I Technology Drive, Suite 200
	Irvine, CA 92618
	corporation of the state of Delaware reinafter designated as the "Assignee"),
	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 s and transferred to Assignee:	ufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all inventing European Patent Office and of all other countries inventions or discoveries and all rights in such Applications, and to all Letters Patent that may be gramprotection certificates, reexaminations, renewals, and	ne Application, including all priority rights for other countries arising therefrom and the ons or discoveries therein disclosed, and any and all Letters Patent of the United States, which may be granted for such inventions or discoveries, or any of them, all such plication including any and all provisionals, substitutions, divisions, and continuations need for said inventions and discoveries, and in and to all extensions, supplementary and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment Letters Patent may be granted, as fully and entirely as the same would have been held at been made.
Office, any other patent offices, and under the Pate any reexamination of any of such applications, a	with the Application in the United States Patent and Trademark Office, European Patent ent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such ments in connection with such applications as the Assignee may deem necessary or
	I

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.

Henry F. Salazar

LEGAL NAME OF INVENTOR

Signature

Data

COMBINED DECLARATION AND ASSIGNMENT

CON		PHOMERICAL INTERPOLATION IN THE PROPERTY OF TH
Title of Invention: COUPLING AS	SEMBLY I	FOR VARIABLE DIAMETER SURGICAL INSTRUMENT
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	Or	
	\boxtimes	The United States application or PCT international application number 16/556,283 filed on August 30, 2019.
Declaration		numovi 10/5504205 mod on <u>ringust 50/ 2015</u> .
As the below named inventor, I	hereby dec	lare that:
The above-identified application	n ("Applica	tion") was made or authorized by me.
I believe that I am the original i	nventor or a	an original inventor of a claimed invention or discovery in the Application.
I have reviewed and understoo information which is material to patental Application in the United States of American	ility as defi	nts of the Application, including the claims, and I acknowledge the duty to disclose ined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this
I hereby acknowledge that any imprisonment of not more than five (5) y	willful fals ears, or bot	e 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		
		Acclarent, Inc. 31 Technology Drive, Suite 200 Irvine, CA 92618 corporation of the state of Delaware einafter designated as the "Assignee"),
I hereby acknowledge that I ha which is hereby conformed for recordation	ve assigned	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 consider and transferred to Assignee:	ation, the su	afficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, European Patent Office and of all other inventions or discoveries and all rights in thereof, and to all Letters Patent that in protection certificates, reexaminations, r	all invention countries, in such Appriary be gran enewals, and which such	e Application, including all priority rights for other countries arising therefrom and the ons or discoveries therein disclosed, and any and all Letters Patent of the United States, which may be granted for such inventions or discoveries, or any of them, all such olication including any and all provisionals, substitutions, divisions, and continuations ated for said inventions and discoveries, and in and to all extensions; supplementary and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment Letters Patent may be granted, as fully and entirely as the same would have been held to been made.
Office, any other patent offices, and uncany reexamination of any of such app	ler the Pate lications, a	ith the Application in the United States Patent and Trademark Office, European Patent nt Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such tents in connection with such applications as the Assignee may deem necessary or
		1

Augrasy Ducket No.: ACC6026USNP! US Application No.: 16/556.289

I shall execute all papers necessary in connection with any integration or any other maintal proceeding in the Limed States or other country, or any administrative proceeding in the United States Patern and Transmant Office. Engage Patern Office, any other patern office, or under the Patern Cooperation Freaty concerning the Applications or any communion, divisional, or reissue applications thereof, or any reexamination of any such applications, or any Letters Patern issued therefrom or any patern term extensions or supplementary protection certificates of any such applications and to competite with the Assigned 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 activities may be necessary or 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 measured or destrate to secure the grant of Letters Patent to Assignee or its nominees, in the United States, by the European Patent Office and mall other committee where Assignee may destre to have such inventions or discoveries, or any of them, patented, with specifications and exams 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 enumere that the all such Letters Patent.

I hereby (i) authorize and request the Commissioner of Patents to save any and all Letters Patent of the United States resulting from the Application or any divisional, continuation, or ressaue applications thereof, and any recommission of any of such applications, to Assignee, and (ii) coverant that I have full right to convey the interest herein lessgreet, 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 utentification which may be necessary of desirable in order to obtain legal recordation of this document.

Athanas	ios Papadakis	
TECAL	NAME OF INVENTO	D

Signature

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COMBINI	ED DECLARATION AND ASSIGNMENT
Title of Invention: COUPLING ASSEMB	Y FOR VARIABLE DIAMETER SURGICAL INSTRUMENT
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
Or	
□ Declaration	The United States application or PCT international application number 16/556,283 filed on August 30, 2019.
As the below named inventor, I hereby	
The above-identified application ("App	lication") 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.
	ontents of the Application, including the claims, and I acknowledge the duty to disclose defined in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this
I hereby acknowledge that any willful imprisonment of not more than five (5) years, or	false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or both for filings of this Application in the United States of America.
Assignment	
	Acclarent, Inc. 31 Technology Drive, Suite 200 Irvine, CA 92618
(A corporation of the state of Delaware hereinafter designated as the "Assignee"),
I hereby acknowledge that I have assig which is hereby conformed for recordation in the	ned the above-identified invention by previous assignment (attached hereto) to Assignee US Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the and transferred to Assignee:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all inve European Patent Office and of all other countr inventions or discoveries and all rights in such thereof, and to all Letters Patent that may be g protection certificates, reexaminations, renewals	r the Application, including all priority rights for other countries arising therefrom and the ntions or discoveries therein disclosed, and any and all Letters Patent of the United States, ies, which may be granted for such inventions or discoveries, or any of them, all such Application including any and all provisionals, substitutions, divisions, and continuations ranted for said inventions and discoveries, and in and to all extensions, supplementary, and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment the Letters Patent may be granted, as fully and entirely as the same would have been held not been made.
Office, any other patent offices, and under the P any reexamination of any of such applications	with the Application in the United States Patent and Trademark Office, European Patent atent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such nments in connection with such applications as the Assignee may deem necessary or
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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.

Jetmir Palushi

LEGAL NAME OF INVENTOR

Signatur

9/13/2019

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COMBINEI	DECLARATION AND ASSIGNMENT
Title of Invention: COUPLING ASSEMBLY	FOR VARIABLE DIAMETER SURGICAL INSTRUMENT
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
Or	
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Declaration	
As the below named inventor, I hereby de	clare that:
The above-identified application ("Applic	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.
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	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. 31 Technology Drive, Suite 200
	Irvine, CA 92618
	a corporation of the state of Delaware reinafter designated as the "Assignee"),
	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 sand transferred to Assignee:	ufficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all inventing European Patent Office and of all other countries inventions or discoveries and all rights in such Applications, and to all Letters Patent that may be grant protection certificates, reexaminations, renewals, and	the Application, including all priority rights for other countries arising therefrom and the ons or discoveries therein disclosed, and any and all Letters Patent of the United States, which may be granted for such inventions or discoveries, or any of them, all such plication including any and all provisionals, substitutions, divisions, and continuations need for said inventions and discoveries, and in and to all extensions, supplementary and reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment Letters Patent may be granted, as fully and entirely as the same would have been held at been made.
Office, any other patent offices, and under the Pate any reexamination of any of such applications, a	with the Application in the United States Patent and Trademark Office, European Patent ent Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, and any patent term extensions or supplementary protection certificates of any such ments in connection with such applications as the Assignee may deem necessary or
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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.

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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.

Fatemeh Akbarian

LEGAL NAME OF INVENTOR

Signature

10/14/2019 Date

COMBINED DECLARATION AND ASSIGNMENT

COMBI	14517	DECEMENTON AND ADDIGNMENT
Title of Invention: COUPLING ASSEM	BLY F	OR VARIABLE DIAMETER SURGICAL INSTRUMENT
This declaration and assignment is directed to [o: 	The attached or filed herewith application of (list of named inventors),
(Or	
	\boxtimes	The United States application or PCT international application number 16/556,283 filed on August 30, 2019.
Declaration		number 10/330,283 fried on August 30, 2019.
As the below named inventor, I herel	by decla	are that:
The above-identified application ("A	pplicati	on") was made or authorized by me.
I believe that I am the original invent	tor or ar	original inventor of a claimed invention or discovery in the Application.
		ts of the Application, including the claims, and I acknowledge the duty to disclose the disclose and in Title 37, the United States Code of Federal Regulations, §1.56 for filings of this
		statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or for filings of this Application in the United States of America.
Assignment		
	:	Acclarent, Inc. 31 Technology Drive, Suite 200 Irvine, CA 92618
		orporation of the state of Delaware inafter designated as the "Assignee"),
		the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable consideration, and transferred to Assignee:	, the suf	ficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all in European Patent Office and of all other cou inventions or discoveries and all rights in suc thereof, and to all Letters Patent that may be protection certificates, reexaminations, renew	nvention intries, v ch Appli e grante als, and such Le	Application, including all priority rights for other countries arising therefrom and the as or discoveries therein disclosed, and any and all Letters Patent of the United States, which may be granted for such inventions or discoveries, or any of them, all such ication including any and all provisionals, substitutions, divisions, and continuations and for said inventions and discoveries, and in and to all extensions, supplementary reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment etters Patent may be granted, as fully and entirely as the same would have been held been made.
Office, any other patent offices, and under the any reexamination of any of such applications	e Patent ons, and	h the Application in the United States Patent and Trademark Office, European Patent to Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any patent term extensions or supplementary protection certificates of any such into connection with such applications as the Assignee may deem necessary or
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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.

Marc De	an	
LEGAL	NAME OF INVENTOR	_

Signature

Data

9/24/2019

COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: COUPLING ASSEMBLY F	OR VARIABLE DIAMETER SURGICAL INSTRUMENT
This declaration and assignment is directed to:	The attached or filed herewith application of (list of named inventors),
Or	
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Declaration	
As the below named inventor, I hereby decl	are that:
The above-identified application ("Applicat	ion") was made or authorized by me.
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	e statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or n for filings of this Application in the United States of America.
Assignment	A. A
	Acclarent, Inc. 31 Technology Drive, Suite 200 Irvine, CA 92618 corporation of the state of Delaware inafter designated as the "Assignee"),
I hereby acknowledge that I have assigned which is hereby conformed for recordation in the US	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the sur and transferred to Assignee:	fficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
right to claim priority to the Application, all invention European Patent Office and of all other countries, inventions or discoveries and all rights in such Appl thereof, and to all Letters Patent that may be grant protection certificates, reexaminations, renewals, and	Application, including all priority rights for other countries arising therefrom and the ns or discoveries therein disclosed, and any and all Letters Patent of the United States, which may be granted for such inventions or discoveries, or any of them, all such ication including any and all provisionals, substitutions, divisions, and continuations ed for said inventions and discoveries, and in and to all extensions, supplementary I reissues thereof, to be held and enjoyed by Assignee for its own use and enjoyment etters Patent may be granted, as fully and entirely as the same would have been held been made.
Office, any other patent offices, and under the Paten any reexamination of any of such applications, and	th the Application in the United States Patent and Trademark Office, European Patent to Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, any patent term extensions or supplementary protection certificates of any such and in connection with such applications as the Assignce may deem necessary or

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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.

Julie M. Taylor

LEGAL NAME OF INVENTOR

_______KM/_ Signature 20 Sep 2019

Date

COMBINED DECLARATION AND ASSIGNMENT

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: COUPLING ASSEMBLY FOR VARIABLE DIAMETER SURGICAL INSTRUMENT		
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Declaration		number 10/330,285 med on rangust 50, 2012.
As the below named inventor, I he	reby decl	are that:
The above-identified application ('Applica	tion") was made or authorized by me.
I believe that I am the original inve	entor or a	n 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 imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.		
Assignment		
		Acclarent, Inc. 31 Technology Drive, Suite 200 Irvine, CA 92618 corporation of the state of Delaware einafter designated as the "Assignee"),
		the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or		
For good and valuable consideration and transferred to Assignee:	on, the su	fficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
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.		
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.		
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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.

Ehsan Shameli		
LEGAL NAME OF INVENTOR		
Eksan Humil.	10/5/2019	
Signature	Date	. _

COMBINED DECLARATION AND ASSIGNMENT		
Title of Invention: COUPLING ASSEMBLY FOR VARIABLE DIAMETER SURGICAL INSTRUMENT		
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 16/556,283 filed on August 30, 2019.	
Declaration		
As the below named inventor, I hereby declar	re that:	
The above-identified application ("Application	on") 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.		
	statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or for filings of this Application in the United States of America.	
Assignment		
Acclarent, Inc. 31 Technology Drive, Suite 200 Irvine, CA 92618 A corporation of the state of Delaware (hereinafter designated as the "Assignee"),		
	he above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:	
or		
For good and valuable consideration, the suff and transferred to Assignee:	ficiency of which is acknowledged, I hereby assign and transfer and/or have assigned	
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.		
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.		
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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.

John H. Thinnes, Jr.

LEGAL NAME OF INVENTOR

Signature

Date

	US Application No.: 16/556,283
COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention: COUPLING ASSEMBLY I	FOR VARIABLE DIAMETER SURGICAL INSTRUMENT
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 16/556,283 filed on August 30, 2019.
Declaration	
As the below named inventor, I hereby decl	are that:
The above-identified application ("Application of the control of t	tion") was made or authorized by me.
I believe that I am the original inventor or a	n 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 imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.	
Assignment	
	Acclarent, Inc. 31 Technology Drive, Suite 200 Irvine, CA 92618 corporation of the state of Delaware sinafter designated as the "Assignee"),
	the above-identified invention by previous assignment (attached hereto) to Assignee Patent Office and I confirm I have and do assign and transfer:
or ·	
For good and valuable consideration, the su and transferred to Assignee:	fficiency of which is acknowledged, I hereby assign and transfer and/or have assigned
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.	
Office, any other patent offices, and under the Paten any reexamination of any of such applications, an	th the Application in the United States Patent and Trademark Office, European Patent at Cooperation Treaty, and any continuing, divisional, or reissue applications thereof, d any patent term extensions or supplementary protection certificates of any such ents in connection with such applications as the Assignee may deem necessary or
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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.

LEGAL NAME OF INVENTOR	
R. Kishe Up.	10/4/2019,
Signature	Date

Krishna Murthy Rajan

COMBINED DECLARATION AND ASSIGNMENT	
Title of Invention: COUPLING ASSEMBLY FOR V	VARIABLE DIAMETER SURGICAL INSTRUMENT
This declaration and assignment is directed to: The	attached or filed herewith application of (list of named inventors),
Or	
num	United States application or PCT international application other 16/556,283 filed on August 30, 2019.
Declaration	
As the below named inventor, I hereby declare the	nat:
The above-identified application ("Application")	was made or authorized by me.
I believe that I am the original inventor or an orig	ginal inventor of a claimed invention or discovery in the Application.
	the Application, including the claims, and I acknowledge the duty to disclose Title 37, the United States Code of Federal Regulations, §1.56 for filings of this
I hereby acknowledge that any willful false state imprisonment of not more than five (5) years, or both for the state of t	ement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or filings of this Application in the United States of America.
Assignment	
А согро	Acclarent, Inc. echnology Drive, Suite 200 Irvine, CA 92618 rration of the state of Delaware er designated as the "Assignee"),
I hereby acknowledge that I have assigned the a which is hereby conformed for recordation in the US Pater	bove-identified invention by previous assignment (attached hereto) to Assignee nt Office and I confirm I have and do assign and transfer:
or	
For good and valuable consideration, the sufficient and transferred to Assignee:	ncy of which is acknowledged, I hereby assign and transfer and/or have assigned
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.	
Office, any other patent offices, and under the Patent Coo any reexamination of any of such applications, and any	Application in the United States Patent and Trademark Office, European Patent operation Treaty, and any continuing, divisional, or reissue applications thereof, a patent term extensions or supplementary protection certificates of any such a connection with such applications as the Assignee may deem necessary or
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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.

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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.

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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.

LEGAL NAME OF INVENTOR	
R. Ebn.	10/4/2017
Signature	Date

Babak Ebrahimi