#### 506150738 07/13/2020

#### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6197470

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NIR NATIV	06/23/2020
SRIDEVI DHANARAJ	06/23/2020
ASHLEY DEANGLIS	06/12/2020
SALIM GHODBANE	06/12/2020

#### **RECEIVING PARTY DATA**

Name:	ETHICON, INC.
Street Address:	P.O. BOX 151
Internal Address:	U.S. ROUTE 22
City:	SOMERVILLE
State/Country:	NEW JERSEY
Postal Code:	08876

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16897328

#### **CORRESPONDENCE DATA**

**Fax Number:** (908)325-1155

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:** 908-689-8700

Email: mdoherty@dohertyiplaw.com
Correspondent Name: DOHERTY IP LAW GROUP LLC

Address Line 1: 37 BELVIDERE AVENUE

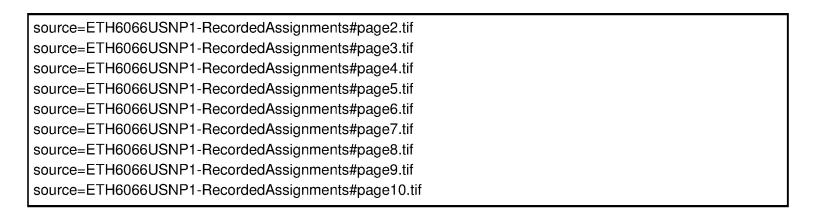
Address Line 4: 37 BELVIDERE AVENUE,, NEW JERSEY 07882

ATTORNEY DOCKET NUMBER:	ETH6066USNP1
NAME OF SUBMITTER:	MICHAEL J. DOHERTY
SIGNATURE:	/michael j. doherty/
DATE SIGNED:	07/13/2020

**Total Attachments: 10** 

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PATENT REEL: 053192 FRAME: 0912



PATENT REEL: 053192 FRAME: 0913

		Attorney Docket No.: ETH6066USNP1
	COMBINED	DECLARATION AND ASSIGNMENT
Title of Invention:	AND BIOSYNTHET	SEALING SYSTEMS INCLUDING SYNTHETIC MATRICES IC ADHESIVES FOR SEALING THE RESECTED SURFACES NTROL BLEEDING, FLUID LEAKS AND AIR LEAKS
This declaration and ass	ignment is directed to:	
		The attached or filed herewith application of (list of named inventors),
	or	
	X	The United States application number 16/897,328, filed on June 10, 2020.
Declaration		
As the below n	amed inventor, I hereby dec	clare that:
The above-ider	tified application ("Applica	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.
nformation which is ma	d and understood the conte aterial to patentability as de Jnited States of America.	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 ackno mprisonment of not mo	wledge that any willful fals re than five (5) years, or bot	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		
	Ethicon, Inc.	, a corporation of the state of New Jersey,
	having an address at P	2.O. Box 151, U.S. Route 22, Somerville, NJ 08876
	(herein	after designated as the "Assignee"),
I hereby acknowhich is hereby conform	wledge that I have assigned and for recordation 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 ssigned and transferred	valuable consideration, the to Assignee:	e sufficiency of which is acknowledged, I hereby assign and transfer and/or have
he right to claim priorit states, European Patent uch inventions or disc continuations thereof, as upplementary protection and enjoyment to the ful	y to the Application, all interest Office and of all other converies and all rights in all to all Letters Patent that a certificates, reexamination and of the term or terms in	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 at 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 tent and sale not been made.
		<b>1</b>

PATENT REEL: 053192 FRAME: 0914

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.

#### LEGAL NAME OF INVENTOR

Nir Nativ	Jun 23, 2020	
Inventor	Date	***************************************
<i>Niv Nativ</i> Nir Nativ (Jun 28, 2020 08:53 EDT)		
Signature		<del></del>

# ETH6066USNP1 - Combined Decl and Assn - Nativ

Final Audit Report

2020-06-23

Crealed	2029-08-23 ************************************
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	Signed
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### "ETH6066USNP1 - Combined Decl and Assn - Nativ" History

- Document created by Laurie Tummarello (Irusso2@its.jnj.com) 2020-06-23 12:50:24 PM GMT- IP address: 69.115.100.230
- Document emailed to Nir Nativ (nnativ@its.jnj.com) for signature 2020-06-23 12:51:39 PM GMT
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- Document e-signed by Nir Nativ (nnativ@its.jnj.com)

  Signature Date: 2020-06-23 12:53:28 PM GMT Time Source: server- IP address: 100.1.49.27
- Signed document emailed to Michael Doherty (mdoherty@dohertyiplaw.com), Nir Nativ (nnativ@its.jnj.com) and Laurie Tummarello (Irusso2@its.jnj.com)
  2020-06-23 12:53:28 PM GMT



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Attorney Docket No.: ETH6066USN	TH6066USNF	٠,
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#### COMBINED DECLARATION AND ASSIGNMENT

PERSONAL PROPERTY.	_ £*	T		4.3	
Title	())	2 K8 V	C. 83	26383	:

TWO COMPONENT SEALING SYSTEMS INCLUDING SYNTHETIC MATRICES AND BIOSYNTHETIC ADHESIVES FOR SEALING THE RESECTED SURFACES OF ORGANS TO CONTROL BLEEDING, FLUID LEAKS AND AIR LEAKS

	This	declaration	and	assignment is	directed	to:
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The attached or filed herewith application of (list of named inventors)	
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or

 $\mathbf{x}$ 

The United States application number 16/897,328, filed on June 10, 2020.

#### 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 imprisonment of not more than five (5) years, or both for filings of this Application in the United States of America.

#### Assignment

Ethicon, Inc., a corporation of the state of New Jersey, having an address at P.O. Box 151, U.S. Route 22, Somerville, NJ 08876 (hereinafter designated as the "Assignee"),

	I hereby acknowledge that I have assigned the above-identified invention by previous assignment (attached hereto) to Assignee
whi	nich 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.

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.

#### LEGAL NAME OF INVENTOR

Sridevi Dhanaraj		Jun 23, 2020		
Inventor		Date		
	Sridevi Dhanaraj Sridevi Dhanaraj (Jun 23, 2020 13:07 EDT)			
Signature			GENERAL MARIE IN COLUMN TO THE PARTY OF THE	

# ETH6066USNP1 - Combined Decl and Assn - Dhanaraj

Final Audit Report

2020-06-23

Created: 2020-08-23

By: Laurie Tummarelle (frusso2@its.jnj.com)

Status: Signed

Transaction ID: CBJCHBCAABAAjt8Pkpm2nV\_nEiolBiMQ1Pa5oKdP2s\_

## "ETH6066USNP1 - Combined Decl and Assn - Dhanaraj" Histor

- Document created by Laurie Tummarello (Irusso2@its.jnj.com) 2020-06-23 12:53:30 PM GMT- IP address: 69.115,100,230
- Document emailed to Sridevi Dhanaraj (sdhanara@its.jnj.com) for signature 2020-08-23 12:54:23 PM GMT
- Email viewed by Sridevi Dhanaraj (sdhanara@its.jnj.com) 2020-08-23 5:06:41 PM GMT- IP address: 75.150.156.100
- Document e-signed by Sridevi Dhanaraj (sdhanara@its.jnj.com)

  Signature Date: 2020-06-23 5:07:31 PM GMT Time Source: server- IP address: 75.150.156.100
- Signed document emailed to Michael Doherty (mdoherty@dohertyiplaw.com), Sridevi Dhanaraj (sdhanara@its.jnj.com) and Laurie Tummarello (Irusso2@its.jnj.com)
  2020-06-23 5:07:31 PM GMT



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Attorney	Docket	No.:	ETH606	66USNP1
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#### COMBINED DECLARATION AND ASSIGNMENT

Title of Inventi	inn	•
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TWO COMPONENT SEALING SYSTEMS INCLUDING SYNTHETIC MATRICES AND BIOSYNTHETIC ADHESIVES FOR SEALING THE RESECTED SURFACES OF ORGANS TO CONTROL BLEEDING, FLUID LEAKS AND AIR LEAKS

This decisitation and assignment is directed to.				
		The attached or filed herewith application of (list of named inventors)		

or

The United States application number 16/897,328, filed on June 10, 2020.

#### Declaration

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#### Assignment

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		ed 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.

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 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

		Attorney Docket No.: ETH6066USNP1		
	COMBINED	DECLARATION AND ASSIGNMENT		
Title of Invention:	AND BIOSYNTHETI	SEALING SYSTEMS INCLUDING SYNTHETIC MATRICES IC ADHESIVES FOR SEALING THE RESECTED SURFACES NTROL BLEEDING, FLUID LEAKS AND AIR LEAKS		
This declaration and ass	ignment is directed to:			
		The attached or filed herewith application of (list of named inventors),		
	or			
		The United States application number 16/897,328, filed on June 10, 2020.		
Declaration				
As the below n	amed inventor, I hereby dec	clare that:		
The above-ider	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.		
information which is ma	d and understood the conte aterial to patentability as de Jnited States of America.	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 ackno imprisonment of not mo	wledge that any willful fals re than five (5) years, or bot	the 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				
	having an address at P	, a corporation of the state of New Jersey, 2.O. Box 151, U.S. Route 22, Somerville, NJ 08876 after designated as the "Assignee"),		
☐ I hereby acknowhich is hereby conform	wledge that I have assigned ted 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 assigned and transferred	valuable consideration, the to Assignee:	sufficiency of which is acknowledged, I hereby assign and transfer and/or have		
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				

PATENT REEL: 053192 FRAME: 0922

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 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

RECORDED: 07/13/2020

Salim Ghodbane

06/12/2020

Inventor

Da

Salim Ghodbane

Digitally signed by Salim Ghodbane DN: c=US, o=JNJ, ou=Subscribers, cn=Salim Ghodbane, 0.9.2342.19200300.100.1.1=1051631 Reason: I attest to the accuracy and Integrity of this document.

Adobe Acrobat version: 11.0.20

Signature

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PATENT REEL: 053192 FRAME: 0923