

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4815457

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LINDA LIANG	08/04/2015
LAURENCE FAYADAT-DILMAN	08/25/2015
RENE DE WAAL MALEFYT	08/03/2015
GOPALAN RAGHUNATHAN	08/17/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MERCK SHARP & DOHME CORP.
<b>Street Address:</b>	126 EAST LINCOLN AVENUE
<b>City:</b>	RAHWAY
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07065
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15482355
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(732)594-4720
<i>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.</i>	
<b>Phone:</b>	732-594-5455
<b>Email:</b>	us_efs@merck.com
<b>Correspondent Name:</b>	MERCK SHARP & DOHME CORP.
<b>Address Line 1:</b>	126 E. LINCOLN AVENUE
<b>Address Line 2:</b>	RY86-2011A
<b>Address Line 4:</b>	RAHWAY, NEW JERSEY 07065
<b>ATTORNEY DOCKET NUMBER:</b>	23791-US-CNT
<b>NAME OF SUBMITTER:</b>	BARBARA A. MULLER
<b>SIGNATURE:</b>	/BARBARA A. MULLER/
<b>DATE SIGNED:</b>	02/08/2018
<b>Total Attachments: 20</b>	
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source=23791-US-CIP-ASSIGN-08FEB2018#page20.tif

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,

- |     |                                  |            |                                 |
|-----|----------------------------------|------------|---------------------------------|
| (1) | <u>Linda Liang</u> ,             | located at | <u>Mountainview, California</u> |
| (2) | <u>Laurence Fayadat-Dilman</u> , | located at | <u>Sunnyvale, California</u>    |
| (3) | <u>Rene De Waal Malefyt</u> ,    | located at | <u>Sunnyvale, California</u>    |
| (4) | <u>Gopalan Raghunathan</u> ,     | located at | <u>San Diego, California</u>    |

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**ANTI-LAG3 ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS**

and/or in the following application(s):

U.S. Provisional Application No. 62/039,081 filed on August 19, 2014 ;  
U.S. Provisional Application No. 62/171,319 filed on June 5, 2015 ;  
U.S. Application No. 15/305011 having a filing date of 08/17/2015 and  
PCT International Application No. \_\_\_\_\_ having a filing date of \_\_\_\_\_

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this 4<sup>th</sup> day of August, 2015

Linda Liang  
Linda Liang

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT****Civil Code § 1819**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

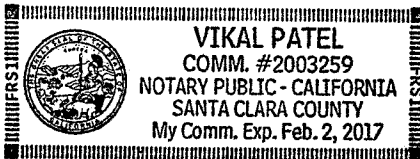
State of California

County of Santa Clara

On Aug 04, 2015 before me, Vikal Patel, Notary Public  
Date Here Insert Name and Title of the Officer

Personally appeared Linda Liang  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that ~~he/she/they~~ executed the same in ~~his/her/their~~ authorized capacity (ies), and that by ~~his/her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the Laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: [Signature]  
Signature of Notary Public

Place Notary Seal Above

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Laurence Fayadat-Dilman**

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT**

**Civil Code § 1819**

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State of California

County of \_\_\_\_\_

}  
}

On \_\_\_\_\_ before me, \_\_\_\_\_  
*Date* *Here Insert Name and Title of the Officer*

Personally appeared \_\_\_\_\_  
*Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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Signature: \_\_\_\_\_  
*Signature of Notary Public*

*Place Notary Seal Above*

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Rene De Waal Malefyt**

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State of California

County of \_\_\_\_\_

}  
}

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*Date* *Here Insert Name and Title of the Officer*

Personally appeared \_\_\_\_\_  
*Name(s) of Signer(s)*

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WITNESS my hand and official seal.

Signature: \_\_\_\_\_  
*Signature of Notary Public*

*Place Notary Seal Above*

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Gopalan Raghunathan**

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT**

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State of California

County of \_\_\_\_\_

}

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*Date* *Here Insert Name and Title of the Officer*

Personally appeared \_\_\_\_\_  
*Name(s) of Signer(s)*

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WITNESS my hand and official seal.

Signature: \_\_\_\_\_  
*Signature of Notary Public*

*Place Notary Seal Above*

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,

- |     |                                |            |                                 |
|-----|--------------------------------|------------|---------------------------------|
| (1) | <u>Linda Liang</u>             | located at | <u>Mountainview, California</u> |
| (2) | <u>Laurence Fayadat-Dilman</u> | located at | <u>Sunnyvale, California</u>    |
| (3) | <u>Rene De Waal Maefyt</u>     | located at | <u>Sunnyvale, California</u>    |
| (4) | <u>Gopalan Raghunathan</u>     | located at | <u>San Diego, California</u>    |

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**ANTI-LAG3 ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS**

and/or in the following application(s):

U.S. Provisional Application No. 62/039,081 filed on August 19, 2014 ;  
U.S. Provisional Application No. 62/171,319 filed on June 5, 2015 ;  
U.S. Application No. 15/305011 having a filing date of 08/17/2015 and  
PCT International Application No. \_\_\_\_\_ having a filing date of \_\_\_\_\_

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

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NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

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Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Linda Liang**

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT**

**Civil Code § 1819**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of \_\_\_\_\_

}  
}

On \_\_\_\_\_ before me, \_\_\_\_\_  
*Date* *Here Insert Name and Title of the Officer*

Personally appeared \_\_\_\_\_  
*Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the Laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: \_\_\_\_\_

*Place Notary Seal Above*

*Signature of Notary Public*

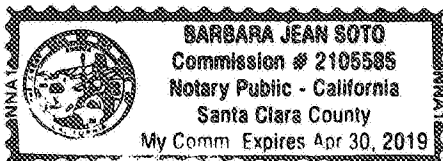
Executed this 25 day of August, 2015  
\_\_\_\_\_  
Laurence Fayadat-Dilman**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT****Civil Code § 1819**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Santa ClaraOn Aug. 2015 before me, Barbara Jean Soto  
Date Here Insert Name and Title of the OfficerPersonally appeared Laurence Fayadat-Dilman  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



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WITNESS my hand and official seal.

Signature: Barbara Jean Soto  
Signature of Notary Public

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Rene De Waal Malefyt**

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT**

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State of California

County of \_\_\_\_\_

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\_\_\_\_\_  
**Gopalan Raghunathan**

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(2)	<u>Laurence Fayadat-Dilman</u>	located at	<u>Sunnyvale, California</u>
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Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Linda Liang**

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT**

**Civil Code § 1819**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of \_\_\_\_\_

On \_\_\_\_\_ before me,

*Date*

*Here Insert Name and Title of the Officer*

Personally appeared \_\_\_\_\_

*Name(s) of Signer(s)*

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

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WITNESS my hand and official seal.

Signature: \_\_\_\_\_

*Signature of Notary Public*

*Place Notary Seal Above*

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Laurence Fayadat-Dilman**

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State of California

County of \_\_\_\_\_

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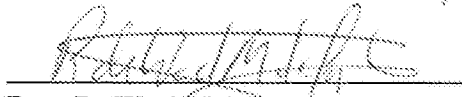
WITNESS my hand and official seal.

Signature: \_\_\_\_\_

*Place Notary Seal Above*

*Signature of Notary Public*

Executed this 3<sup>rd</sup> day of August, 2015

  
**Rene De Waal Malefyt**

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT****Civil Code § 1819**

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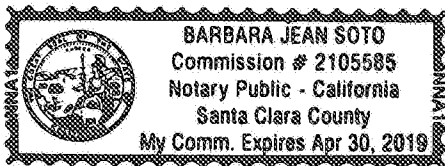
State of California

County of Santa Clara

On Aug 2015 before me, Barbara Jean Soto  
Date Here Insert Name and Title of the Officer

Personally appeared Rene de Waal Malefyt  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the Laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature: Barbara Jean Soto  
Signature of Notary Public

Place Notary Seal Above



Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Gopalan Raghunathan**

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**Civil Code § 1819**

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State of California

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*Signature of Notary Public*

*Place Notary Seal Above*

**WORLDWIDE ASSIGNMENT**

WHEREAS, I/WE,

- |     |                                |            |                                 |
|-----|--------------------------------|------------|---------------------------------|
| (1) | <u>Linda Liang</u>             | located at | <u>Mountainview, California</u> |
| (2) | <u>Laurence Fayadat-Dilman</u> | located at | <u>Sunnyvale, California</u>    |
| (3) | <u>Rene De Waal Malefyt</u>    | located at | <u>Sunnyvale, California</u>    |
| (4) | <u>Gopalan Raghunathan</u>     | located at | <u>San Diego, California</u>    |

(hereinafter ASSIGNOR(S)), is/are the inventor(s) of the invention described in an application for Patents having the Attorney Docket Number indicated above and the following Title of the Invention:

**ANTI-LAG3 ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS**

and/or in the following application(s):

U.S. Provisional Application No. 62/039,081 filed on August 19, 2014 ;  
 U.S. Provisional Application No. 62/171,319 filed on June 5, 2015 ;  
 U.S. Application No. 15/305011 having a filing date of 08/17/2015 and  
 PCT International Application No. having a filing date of

WHEREAS I/WE covenant that the rights and property herein conveyed are free and clear of any encumbrance, and that I/we have the full right to convey the same as herein expressed.

WHEREAS, Merck Sharp & Dohme Corp., a corporation organized under the laws of the State of New Jersey, having an office at 126 East Lincoln Avenue, Rahway, New Jersey 07065, and its successors, assigns and legal representatives (hereinafter **ASSIGNEE**), is desirous of obtaining the entire right, title and interest in, to and under the invention disclosed in said application or applications;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I/we, said ASSIGNOR(S), do each hereby sell, assign and transfer or confirm the grant and assignment to said **ASSIGNEE** my/our entire right, title and interest in all countries of the world in and to my/our invention described in said application for Patents, in and to the right to file patent applications in the name of **ASSIGNEE**, its designee, or in any or all of our names, at its election, on the aforesaid invention in all countries of the world, together with all rights of priority in the aforesaid countries deriving from the above-identified application for Patents under the International Convention for the Protection of Industrial Property, under the Inter-American Convention relating to Inventions, Patents, Designs and Industrial Models and under any other international arrangement relating to patents or intellectual property, in and to any and all Letters Patent that are granted from the aforesaid application for Patents, in and to any applications claiming priority benefits to a provisional patent application or other applications filed on said invention, and in and to any continuations, divisions, reexaminations, reissues, renewals and extensions thereof of any of said Letters Patent, the same to be held and enjoyed by said **ASSIGNEE**, to the full ends of the terms for which all Letters Patent therefore may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND I/WE HEREBY covenant and agree that we will at any time, upon the request and at the expense of **ASSIGNEE**, without further compensation or charge to said **ASSIGNEE**, execute and deliver any and all documents that may be necessary or desirable to perfect the title to the foregoing invention, patent applications, and Letters Patent and continuations, divisions, reexaminations, reissues, renewals and extensions thereof in the name of **ASSIGNEE**, including the execution and procurement of any and all further documents evidencing this assignment and sale as may be necessary or desirable for recording the same in the Patent Office of any country concerned, and will make all rightful oaths and declarations and do all lawful acts requisite for procuring the same or for aiding therein.

I/WE HEREBY authorize **ASSIGNEE** to insert in this instrument the Application Number(s) and the filing date(s) of said application for Patents when officially notified thereof.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such components shall together constitute but one and the same document.

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Linda Liang**

**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT**

**Civil Code § 1819**

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State of California

County of \_\_\_\_\_

}  
}

On \_\_\_\_\_ before me, \_\_\_\_\_  
*Date* *Here Insert Name and Title of the Officer*

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*Name(s) of Signer(s)*

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WITNESS my hand and official seal.

Signature: \_\_\_\_\_  
*Signature of Notary Public*

*Place Notary Seal Above*

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

Laurence Fayadat-Dilman**CALIFORNIA ALL PURPOSE ACKNOWLEDGEMENT****Civil Code § 1819**

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State of California

County of \_\_\_\_\_

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*Place Notary Seal Above**Signature of Notary Public*

Executed this \_\_\_\_ day of \_\_\_\_\_, 2015

\_\_\_\_\_  
**Rene De Waal Malefyt**

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Signature: \_\_\_\_\_  
*Signature of Notary Public*

*Place Notary Seal Above*

Executed this 17 day of August, 2015

[Signature]  
**Gopalan Raghunathan**

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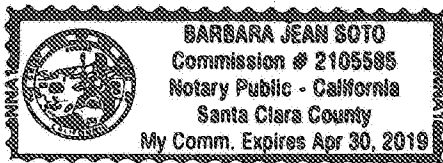
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