

FORM PTO-1595 (modified)

(Rev 6-93)

REI

08/16/2011



103630931

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

SHEET

To the Director of the United States Pa

attached original documents or copies thereof.

1. Name of conveying party(ies):

- 1. **Martin MUELLER**
- 2. **Ivonne RUBIO**
- 3. **Massimo TOMMASINO**
- 4. **Simone OTTONELLO**
- 5. **Angelo BOLCHI**

2. Name and address of receiving party(ies):

**DKFZ Deutsches Krebsforschungszentrum
Im Neuenheimer Feld 280
69120 Heidelberg
Germany**

Additional conveying party(ies) **NO**

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

**(1) July 21, 2011, (2) July 4, 2011, (3) June 28, 2011,
(4) June 29, 2011, (5) June 29, 2011**

Additional name(s) & address(es) attached? **NO**

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

13/140,793

B. Patent Number(s):

Additional numbers attached? **NO**

5. Name and address of party to whom correspondence concerning document should be mailed:

**Michele M. Simkin
FOLEY & LARDNER LLP
3000 K Street, N.W.
Suite 600
Washington, D.C. 20007-5143**

6. Total number of applications/patents involved: **1**

7. Total fee (37 C.F.R. § 3.41): **\$40.00**

Check Enclosed

Authorized to be charged to credit card

Authorized to be charged to deposit account

8. Payment Information

a. Credit Card Last 4 Numbers **9762**
Expiration Date **11/30/2011**

b. Deposit account number **19-0741**
Authorized User Name **Michele M. Simkin**

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Michele M. Simkin

August 11, 2011

Name of person signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 26

08/15/2011 JADD02 00000005 13140793

01 FC:8021

40.00 DP

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

DKFZ Deutsches Krebsforschungszentrum
Im Neuenheimer Feld 280
69120 Heidelberg
Germany

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

IMMUNOGENIC POLYPEPTIDES COMPRISING A SCAFFOLD POLYPEPTIDE AND A L2 POLYPEPTIDE OR A FRAGMENT THEREOF

as set forth in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. 13/140,793 Filed 12/17/2009

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 21 day of July, 2011.


MARTIN MUELLER

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared MARTIN MUELLER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

IVONNE RUBIO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared IVONNE RUBIO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

MASSIMO TOMMASINO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared MASSIMO TOMMASINO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

SIMONE OTTONELLO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared SIMONE OTTONELLO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

ANGELO BOLCHI

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared ANGELO BOLCHI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

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DKFZ Deutsches Krebsforschungszentrum
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69120 Heidelberg
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IMMUNOGENIC POLYPEPTIDES COMPRISING A SCAFFOLD POLYPEPTIDE AND A
L2 POLYPEPTIDE OR A FRAGMENT THEREOF

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Executed this _____ day of _____, 2011.

MARTIN MUELLER

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared MARTIN MUELLER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this 4 day of July, 2011.



IVONNE RUBIO

State of Heidelberg)

County of Germany)

On this 4 day of July, 2011, before me, _____ (a notary public in and for said county), personally appeared IVONNE RUBIO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature 

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

MASSIMO TOMMASINO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared MASSIMO TOMMASINO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature: _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

SIMONE OTTONELLO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared SIMONE OTTONELLO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature: _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

ANGELO BOLCHI

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared ANGELO BOLCHI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

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My Commission Expires: _____

(Seal)

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69120 Heidelberg
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as set forth in this United States Patent Application

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 executed on _____,
 Serial No. 13/140,793 Filed 12/17/2009

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Executed this ____ day of _____, 2011.

MARTIN MUELLER

State of _____)

County of _____)

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WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this ____ day of _____, 2011.

IVONNE RUBIO

State of _____)

County of _____)

On this ____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared IVONNE RUBIO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

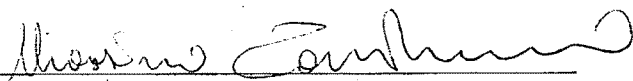
WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of 28/06, 2011.



MASSIMO TOMMASINO

State of FRANCE)

County of RHONE)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared MASSIMO TOMMASINO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

SIMONE OTTONELLO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared SIMONE OTTONELLO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

ANGELO BOLCHI

State of _____)

County of _____)

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Executed this _____ day of _____, 2011.

MARTIN MUELLER

State of _____)

County of _____)

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WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

IVONNE RUBIO

State of _____)

County of _____)

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MASSIMO TOMMASINO

State of _____)

County of _____)

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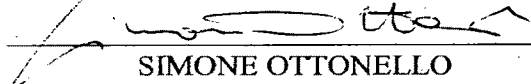
WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this 29 day of June, 2011.



SIMONE OTTONELLO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared SIMONE OTTONELLO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

ANGELO BOLCHI

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared ANGELO BOLCHI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

DKFZ Deutsches Krebsforschungszentrum
Im Neuenheimer Feld 280
69120 Heidelberg
Germany

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

IMMUNOGENIC POLYPEPTIDES COMPRISING A SCAFFOLD POLYPEPTIDE AND A L2 POLYPEPTIDE OR A FRAGMENT THEREOF

as set forth in this United States Patent Application

check one executed concurrently herewith,
 executed on _____,
 Serial No. 13/140,793 Filed 12/17/2009

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of **Foley & Lardner LLP** the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of **Foley & Lardner LLP** do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this ____ day of _____, 2011.

MARTIN MUELLER

State of _____)

County of _____)

On this ____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared MARTIN MUELLER, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this ____ day of _____, 2011.

IVONNE RUBIO

State of _____)

County of _____)

On this ____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared IVONNE RUBIO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

MASSIMO TOMMASINO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared MASSIMO TOMMASINO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)

Executed this _____ day of _____, 2011.

SIMONE OTTONELLO

State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared SIMONE OTTONELLO, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

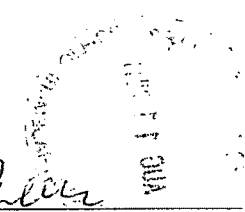
My Commission Expires: _____

(Seal)

Executed this 29 day of June, 2011.



ANGELO BOLCHI



State of _____)

County of _____)

On this _____ day of _____, 2011, before me, _____ (a notary public in and for said county), personally appeared ANGELO BOLCHI, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____

My Commission Expires: _____

(Seal)