PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5014467

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VAUGHN SMIDER	03/05/2010
JAMES GRAZIANO	03/05/2010
HELEN HONGYUAN MAO	03/05/2010
BYEONG DOO SONG	03/01/2010
TYSON CHASE	03/08/2010
OMAR BAZIRGAN	03/05/2010

RECEIVING PARTY DATA

Name:	FABRUS LLC
Street Address:	11099 NORTH TORREY PINES ROAD, SUITE 100A
City:	LA JOLLA
State/Country:	CALIFORNIA
Postal Code:	92037

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14959940

CORRESPONDENCE DATA

Fax Number: (858)720-5125

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: 8583145439 jjung@mofo.com Email:

MORRISON & FOERSTER LLP Correspondent Name:

Address Line 1: 12531 HIGH BLUFF DRIVE, SUITE 100

Address Line 4: SAN DIEGO, CALIFORNIA 92130

ATTORNEY DOCKET NUMBER:	79247-20001.02
NAME OF SUBMITTER:	HIU WING LAU
SIGNATURE:	/Hiu Wing Lau/
DATE SIGNED:	06/19/2018

Total Attachments: 12

PATENT REEL: 046134 FRAME: 0577

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<u>ASSIGNMENT</u>

WHEREAS, I, VAUGHN SMIDER, a citizen of the United States of America,

residing at 7483 Healis Place, San Diego, California 92129, U.S.A. (hereinafter Assignor)

for good and valuable consideration, receipt of which is hereby acknowledged, have

assigned and do hereby assign to FABRUS LLC, a corporation organized under the laws

of the State of Delaware, having a principal business address of 11099 North Torrey

Pines Rd., Suite 100 A, La Jolla, California 92037, U.S.A. (hereinafter Assignee), its

successors, assigns and legal representatives, the entire right, title and interest in and to all

subject matter invented by me and disclosed in the international patent application

number PCT/US2009/063299 filed on 04 November 2009 (04.11.09), and entitled:

COMBINATORIAL ANTIBODY LIBRARIES AND USES THEREOF

and in and to all Letters Patent and all Convention and treaty rights of all kinds, in all

countries throughout the world, including the right to file national and regional patent

applications as designated at the time of filing this International Patent Application

directly in the name of the Assignee and to claim for any such foreign applications any

priority rights to which such applications are entitled under international conventions,

treaties or otherwise.

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D-1131184 v1

ASSIGNMENT (VAUGHN) Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

DATE: 3/5/2010

STATE OF CALIFORNIA) SS.
COUNTY OF SAN DIEG)

On Share 2010, before me, ROBET W. KIM, the undersigned, a notary public for the State of California, personally appeared VAUGHN SMIDER, 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 executed the same in his authorized capacity, and that by his signature on the instrument of the person, or the entity upon behalf of which the person acted, executed this 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.

ROBERT W. KIM Commission # 1651897 Notary Public - California San Diego County My Comm. Expires Mor 14, 2010

NOTARY SEAL

ASSIGNMENT

WHEREAS, I, JAMES GRAZIANO, a citizen of the United States of America,

residing at 627 Fresca Street, Solana Beach, California 92075, U.S.A. (hereinafter

Assignor) for good and valuable consideration, receipt of which is hereby acknowledged,

have assigned and do hereby assign to FABRUS LLC, a corporation organized under the

laws of the State of Delaware, having a principal business address of 11099 North Torrey

Pines Rd., Suite 100 A, La Jolla, California 92037, U.S.A. (hereinafter Assignee), its

successors, assigns and legal representatives, the entire right, title and interest in and to all

subject matter invented by me and disclosed in the international patent application

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ASSIGNMENT (GRAZIANO)
Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

DATE: 5 MRSCH 2010

JAMES GRAZJANO

STATE OF CALIFORNIA

) SS.

COUNTY OF SAN DIEGO

the undersigned, a notary public for the State of California, personally appeared JAMES GRAZIANO, 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 executed the same in his authorized capacity, and that by his signature on the instrument of the person, or the entity upon behalf of which the person acted, executed this 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.

ROBERT W. KIM
Commission # 1651897
Notary Public - California
San Diega County
My Comm. Expires Mar 14, 2010

Signature of Notary Public

NOTARY SEAL

- Page 2 of 2 -

<u>ASSIGNMENT</u>

WHEREAS, I, HELEN HONGYUAN MAO, a citizen of the People's Republic

of China, residing at 3571 Overpark Road, San Diego, California 92130, U.S.A.

(hereinafter Assignor) for good and valuable consideration, receipt of which is hereby

acknowledged, have assigned and do hereby assign to FABRUS LLC, a corporation

organized under the laws of the State of Delaware, having a principal business address of

11099 North Torrey Pines Rd., Suite 100 A, La Jolla, California 92037, U.S.A.

(hereinafter Assignee), its successors, assigns and legal representatives, the entire right,

title and interest in and to all subject matter invented by me and disclosed in the

international patent application number PCT/US2009/063299 filed on 04 November

2009 (04.11.09), and entitled:

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- Page 1 of 2 -

ASSIGNMENT (MAO) Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

DATE: Manh 5, 2010 HELENHONGYUAN MAO

STATE OF CALIFORNIA) SS. COUNTY OF SAN DIE 6 0)

On SHAMP 2010, before me, ROBERT W. KIM, the undersigned, a notary public for the State of California, personally appeared HELEN HONGYUAN MAO, 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 executed the same in his authorized capacity, and that by his signature on the instrument of the person, or the entity upon behalf of which the person acted, executed this 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.

ROBERT W. KIM Commission # 1681897 Notary Public - California San Diego County My Comm. Explies Mar 14, 2010

NOTARY SEAL

fact w Kens Signature of Notary Public

- Page 2 of 2 -

ASSIGNMENT

WHEREAS, I, BYEONG DOO SONG, a citizen of the People's Republic of

Korea, residing at 12635 El Camino Real, #4303, San Diego, California 92130, U.S.A.

(hereinafter Assignor) for good and valuable consideration, receipt of which is hereby

acknowledged, have assigned and do hereby assign to FABRUS LLC, a corporation

organized under the laws of the State of Delaware, having a principal business address of

11099 North Torrey Pines Rd., Suite 100 A, La Jolla, California 92037, U.S.A.

(hereinafter Assignee), its successors, assigns and legal representatives, the entire right,

title and interest in and to all subject matter invented by me and disclosed in the

international patent application number PCT/US2009/063299 filed on 04 November

2009 (04.11.09), and entitled:

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- Page 1 of 2 -

ASSIGNMENT (SONG) Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

WITNESS (1)

Name:

DATE: 3/1/10

WITNESS (2)

Name: Jin Lee

Address: 192-1 Hyoja-dong, Chunchem- si. Gongum-don Korea

DATE: 3/1/10

<u>ASSIGNMENT</u>

WHEREAS, I, TYSON CHASE, a citizen of the United States of America,

residing at 8430 Capricorn Way, #3, San Diego, California 92126, U.S.A. (hereinafter

Assignor) for good and valuable consideration, receipt of which is hereby acknowledged,

have assigned and do hereby assign to FABRUS LLC, a corporation organized under the

laws of the State of Delaware, having a principal business address of 11099 North Torrey

Pines Rd., Suite 100 A, La Jolla, California 92037, U.S.A. (hereinafter Assignee), its

successors, assigns and legal representatives, the entire right, title and interest in and to all

subject matter invented by me and disclosed in the international patent application

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- Page 1 of 2 -

ASSIGNMENT (CHASE) Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

DATE: 3-8-10

STATE OF CALIFORNIA

COUNTY OF SAM NICO

On 03/08/2010 , before me, RCKONINN NITHY JUMP the undersigned, a notary public for the State of California, personally appeared TYSON CHASE, 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 executed the same in his authorized capacity, and that by his signature on the instrument of the person, or the entity upon behalf of which the person acted, executed this 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.

OFFICIAL SEAL R. C. KOTHAR

NOTARY SEAL

<u>ASSIGNMENT</u>

WHEREAS, I, OMAR BAZIRGAN, a citizen of the United States of America,

residing at 7506 Charmant Drive, Apt. 826, San Diego, California 92122, U.S.A.

(hereinafter Assignor) for good and valuable consideration, receipt of which is hereby

acknowledged, have assigned and do hereby assign to FABRUS LLC, a corporation

organized under the laws of the State of Delaware, having a principal business address of

11099 North Torrey Pines Rd., Suite 100 A, La Jolla, California 92037, U.S.A.

(hereinafter Assignee), its successors, assigns and legal representatives, the entire right,

title and interest in and to all subject matter invented by me and disclosed in the

international patent application number PCT/US2009/063299 filed on 04 November

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ASSIGNMENT (BAZIRGAN) Continued...Page 2

I agree to do all acts and sign all documents necessary to secure, defend and maintain this international patent application and all such national and/or regional patent applications in accordance with this assignment.

STATE OF CALIFORNIA

) SS. COUNTY OF SAN DIE SO)

On 5th MAR 2010, before me, ROBETT W. KIM, the undersigned, a notary public for the State of California, personally appeared OMAR BAZIRGAN, 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 executed the same in his authorized capacity, and that by his signature on the instrument of the person, or the entity upon behalf of which the person acted, executed this 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.

ROBERT W. KIM Commission # 1651897 Notory Public - California Son Diego County
My Comm. Expires Mar 14, 2010

NOTARY SEAL

Signature of Notary Public

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PATENT **REEL: 046134 FRAME: 0590**

RECORDED: 06/19/2018