PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DR. MANAL AHMED GASMELSEED AWAD	04/06/2018
DR. AWATIF AHMED HENDI	04/06/2018
DR. KHALID MUSTAFA OSMAN ORTASHI	04/06/2018
DR. WADHA KHALAF ALENAZI	04/06/2018

RECEIVING PARTY DATA

Name:	KING SAUD UNIVERSITY
Street Address:	P.O. BOX 800
City:	RIYADH
State/Country:	SAUDI ARABIA
Postal Code:	11421

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15961783

CORRESPONDENCE DATA

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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.

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ATTORNEY DOCKET NUMBER: 32903.64

NAME OF SUBMITTER: ROBERT B. LYONS

SIGNATURE: /ROBERT B. LYONS REG. 40708/

DATE SIGNED: 04/24/2018

Total Attachments: 2

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PATENT 504884132 REEL: 045627 FRAME: 0569

ASSIGNMENT

WHEREAS, MANAL AHMED GASMELSEED AWAD, a citizen/citizens of SUDAN, residing at/whose address is c/o King Saud University, P.O. Box 800, Riyadh, SAUDI ARABIA, 11421, AWATIF AHMED HENDI, a citizen/citizens of SAUDI ARABIA, residing at/whose address is P.O. Box 1846, Riyadh, SAUDI ARABIA, 11321, KHALID MUSTAFA OSMAN ORTASHI, a citizen/citizens of SUDAN, residing at/whose address is c/o King Saud University, P.O. Box 800, Riyadh, SAUDI ARABIA, 11421, WADHA KHALAF ALENAZI, a citizen/citizens of SAUDI ARABIA, residing at/whose address is c/o King Saud University, P.O. Box 800, Riyadh, SAUDI ARABIA, 11421, hereinafter called the "Assignor(s)", who presently own(s) the invention entitled SYNTHESIS OF TITANIUM DIOXIDE NANOPARTICLES USING ORIGANUM MAJORANA HERBAL EXTRACTS, for a full description of which reference is made to a nonprovisional application for Letters Patent of the United States Serial Number _______ (to be assigned) filed on _______, 20____, (filed herewith under Attorney Docket No. 32903.64), and

WHEREAS, KING SAUD UNIVERSITY, a university organized and existing under the laws of SAUDI ARABIA, having its principal place of business/business address at KING SAUD UNIVERSITY, INTELLECTUAL PROPERTY & TECHNOLOGY LICENSING PROGRAM, P.O. BOX 800, RIYADH, SAUDI ARABIA, 11421, hereinafter called the "Assignee" is desirous of acquiring the entire right, title and interest in and to said invention, the above noted application, and to any Letters Patent which may be obtained for said invention, and as hereinafter more fully set forth,

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for and in the consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by said Assignor(s) from said Assignee is hereby acknowledged, the said Assignor(s) has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, the entire right, title and interest in the United States to the invention and above noted application, and in and to any division, continuation, or continuation-in-part of said application, and in and to any Letters Patent of the United States and reissues and extensions thereof that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor in all countries foreign to the United States; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue.

AND the said Assignor(s) does/do hereby covenant and agree, for himself/themselves and his/their legal representatives, that he/they will assist said Assignee in making and prosecuting any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinbefore set forth, investing in the said Assignee like exclusive title in and to all such other applications and Letters Patent, together with all claims for damages and profits by reason of past infringement of all or any of the patents issuing from the Patent Application, with the right to sue for and collect same for Assignee's own use (and for the

PATENT REEL: 045627 FRAME: 0570 use of Assignee's successors and assigns); and in the prosecution of any interference which may arise involving said invention, or any application for Letters Patent herein contemplated; and that he/they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this agreement.

AND the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this agreement.

IN TESTIMONY WHEREOF, said Assignor, MANAL AHMED GASMELSEED AWAD has hereunto set his hand and affixed his scal this day of 6 - 4 - 2018
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[SEAL] MANAL AHMED GASMELSEED AWAD
IN TESTIMONY WHEREOF, said Assignor, AWATIF AHMED HENDI, has hereunto set his hand and affixed his seal this day of 6 - 4 - 2018_, 20
AWOU [SEAL]
IN TESTIMONY WHEREOF, said Assignor, KHALID MUSTAFA OSMAN ORTASHI, nas hereunto set his hand and affixed his seal this day of
Khalid [SEAL] KHALID MUSTAFA OSMAN ORTASHI
IN TESTIMONY WHEREOF, said Assignor, WADHA KHALAF ALENAZI, has hereunto set his hand and affixed his seal this day of
Wadha Khalaf Alenazi
WADHA KHALAF ALENAZI