

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3072643

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIN-WOO KIM	09/30/2014
CHAO-HUNG STEVE TUNG	09/30/2014
TAYLOR BUSCH	10/03/2014
RECEIVING PARTY DATA	
Name:	BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS
Street Address:	2404 NORTH UNIVERSITY AVENUE
City:	LITTLE ROCK
State/Country:	ARKANSAS
Postal Code:	72207
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13951664
CORRESPONDENCE DATA	
Fax Number:	(501)376-9442
<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>	
Phone:	5013710808
Email:	bglasgow@wlj.com
Correspondent Name:	RICHARD BLAKELY GLASGOW
Address Line 1:	200 WEST CAPITOL AVENUE, SUITE 2300
Address Line 4:	LITTLE ROCK, ARKANSAS 72201
ATTORNEY DOCKET NUMBER:	8793-66354-C
NAME OF SUBMITTER:	RICHARD BLAKELY GLASGOW
SIGNATURE:	/Richard Blakely Glasgow/
DATE SIGNED:	10/20/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6	
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DECLARATION AND ASSIGNMENT

As a below named inventor, I hereby declare that:

This declaration is directed to United States application number 13/951,664 filed on July 26, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56.

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.

WHEREAS, I, Jin-Woo Kim, residing at 2887 Deaver Circle, Fayetteville, Arkansas 72703, have jointly with Chao-Hung Steve Tung, residing at 1784 N. Barrington Drive, Fayetteville, Arkansas 72701 and Taylor Busch, residing at 951 Greenside Drive, Apartment 8213, Richardson, Texas 75080, invented certain new and useful improvements disclosed in the above-identified application; and

WHEREAS, the Board of Trustees of the University of Arkansas, a public body politic and corporate, duly established under and pursuant to the laws and Constitution of the State of Arkansas, having an office and place of business at the University of Arkansas, 2404 North University Avenue, Little Rock, Arkansas 72207-3608 (hereinafter designated as "Assignee"), is desirous of acquiring my entire right, title and interest in and to said improvements, in said application, and in any Letters Patent or Patents, United States or foreign, to be obtained thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over unto the said Assignee my entire right, title and interest in and to said improvements, said application, all applications for Letters Patent or Patents heretofore or hereafter filed for said improvements in the United States of America and in any foreign country (including related rights such as utility model registrations, inventor's certificates and the like), and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted thereon, and in and to all substitutions, divisions, continuations and continuations-in-part of said United States or foreign applications, or renewals, extensions, reissues or reexaminations of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, including all rights to claim priority; and


I hereby covenant that I have the full right to convey the entire interest herein assigned and that no assignment, sale, agreement or encumbrance has been or will be entered into which would conflict with this assignment; and

I hereby covenant and agree that I will communicate to said Assignee any fact known to me respecting said improvements, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said improvements, without further consideration from said Assignee, but at the cost and expense of said Assignee; and

I hereby request the Director of the United States Patent and Trademark Office, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent to said Assignee.

SIGNED this 30th day of September, 2014

Inventor's Signature
Inventor's Name

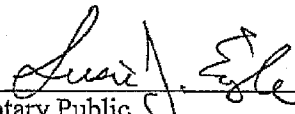

Jin-Woo Kim

ACKNOWLEDGMENT

STATE OF ARKANSAS)
COUNTY OF WASHINGTON)ss

On this 30th day of SEPTEMBER, in the year 2014, before me, SUSIE ENGLE, a Notary Public in and for the State of Arkansas, personally appeared Jin-Woo Kim, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed the same for the purposes contained therein.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.


Notary Public

My commission expires:

6-29-16

<p>Susie J. Engle Notary Public Washington County - Arkansas Expires June 29, 2016 Commission No. 12349038</p>
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DECLARATION AND ASSIGNMENT

As a below named inventor, I hereby declare that:

This declaration is directed to United States application number 13/951,664 filed on July 26, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56.

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.

WHEREAS, I, Chao-Hung Steve Tung, residing at 1784 N. Barrington Drive, Fayetteville, Arkansas 72701, have jointly with Jin-Woo Kim, residing at 2887 Deaver Circle, Fayetteville, Arkansas 72703, and Taylor Busch, residing at 951 Greenside Drive, Apartment 8213, Richardson, Texas 75080, invented certain new and useful improvements disclosed in the above-identified application; and

WHEREAS, the Board of Trustees of the University of Arkansas, a public body politic and corporate, duly established under and pursuant to the laws and Constitution of the State of Arkansas, having an office and place of business at the University of Arkansas, 2404 North University Avenue, Little Rock, Arkansas 72207-3608 (hereinafter designated as "Assignee"), is desirous of acquiring my entire right, title and interest in and to said improvements, in said application, and in any Letters Patent or Patents, United States or foreign, to be obtained thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over unto the said Assignee my entire right, title and interest in and to said improvements, said application, all applications for Letters Patent or Patents heretofore or hereafter filed for said improvements in the United States of America and in any foreign country (including related rights such as utility model registrations, inventor's certificates and the like), and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted thereon, and in and to all substitutions, divisions, continuations and continuations-in-part of said United States or foreign applications, or renewals, extensions, reissues or reexaminations of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, including all rights to claim priority; and

I hereby covenant that I have the full right to convey the entire interest herein assigned and that no assignment, sale, agreement or encumbrance has been or will be entered into which would conflict with this assignment; and

I hereby covenant and agree that I will communicate to said Assignee any fact known to me respecting said improvements, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said improvements, without further consideration from said Assignee, but at the cost and expense of said Assignee; and

I hereby request the Director of the United States Patent and Trademark Office, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent to said Assignee.

SIGNED this 30 day of SEPT., 2014

Inventor's Signature
Inventor's Name

SC TUNG
Chao-Hung Steve Tung

ACKNOWLEDGMENT

STATE OF ARKANSAS)
)ss
COUNTY OF WASHINGTON)

On this 30th day of SEPTEMBER, in the year 2014, before me, SUSIE ENGLE, a Notary Public in and for the State of Arkansas, personally appeared Chao-Hung Steve Tung, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed the same for the purposes contained therein.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

Susie J. Engle
Notary Public

My commission expires:

6-29-14

Susie J. Engle
Notary Public
Washington County - Arkansas
Expires June 29, 2016
Commission No. 12349038

DECLARATION AND ASSIGNMENT

As a below named inventor, I hereby declare that:

This declaration is directed to United States application number 13/951,664 filed on July 26, 2013.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56.

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.

WHEREAS, I, Taylor Busch, residing at 951 Greenside Drive, Apartment 8213, Richardson, Texas 75080, have jointly with Jin-Woo Kim, residing at 2887 Deaver Circle, Fayetteville, Arkansas 72703, and Chao-Hung Steve Tung, residing at 1784 N. Barrington Drive, Fayetteville, Arkansas 72701, invented certain new and useful improvements disclosed in the above-identified application; and

WHEREAS, the Board of Trustees of the University of Arkansas, a public body politic and corporate, duly established under and pursuant to the laws and Constitution of the State of Arkansas, having an office and place of business at the University of Arkansas, 2404 North University Avenue, Little Rock, Arkansas 72207-3608 (hereinafter designated as "Assignee"), is desirous of acquiring my entire right, title and interest in and to said improvements, in said application, and in any Letters Patent or Patents, United States or foreign, to be obtained thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over unto the said Assignee my entire right, title and interest in and to said improvements, said application, all applications for Letters Patent or Patents heretofore or hereafter filed for said improvements in the United States of America and in any foreign country (including related rights such as utility model registrations, inventor's certificates and the like), and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted thereon, and in and to all substitutions, divisions, continuations and continuations-in-part of said United States or foreign applications, or renewals, extensions, reissues or reexaminations of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, including all rights to claim priority; and

I hereby covenant that I have the full right to convey the entire interest herein assigned and that no assignment, sale, agreement or encumbrance has been or will be entered into which would conflict with this assignment; and

I hereby covenant and agree that I will communicate to said Assignee any fact known to me respecting said improvements, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said improvements, without further consideration from said Assignee, but at the cost and expense of said Assignee; and

I hereby request the Director of the United States Patent and Trademark Office, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent to said Assignee.

SIGNED this 3RD day of OCTOBER, 2014

Inventor's Signature

Inventor's Name

Taylor Busch

ACKNOWLEDGMENT

STATE OF Minnesota)
)ss
COUNTY OF Dakota)

On this 3rd day of October, in the year 2014, before me, Diana C. Gonzalez, a Notary Public in and for the State of Minnesota, personally appeared Taylor Busch, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this instrument, and acknowledged that he executed the same for the purposes contained therein.

In witness whereof, I have hereunto set my hand and affixed my official seal, the day and year in this certificate first above written.

Diana C. Gonzalez
Notary Public

My commission expires:

01-31-2019

