504621016 11/01/2017

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PAUL DAVID BARTHOLOMEW	07/14/2011
WILLIAM SPENCER GUTHRIE	07/14/2011
BRIAN ANTHONY MAZZEO	07/14/2011

RECEIVING PARTY DATA

Name:	BRIGHAM YOUNG UNIVERSITY
Street Address:	3760 HAROLD B. LEE LIBRARY
City:	PROVO
State/Country:	UTAH
Postal Code:	84602-6844

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15796979

CORRESPONDENCE DATA

Fax Number: (612)332-8352

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: 202-470-6450

Email: paralegal@effectualservices.com

Correspondent Name: BRAKE HUGHES BELLERMANN LLP

Address Line 1: C/O CPA GLOBAL

Address Line 2: 900 SECOND AVENUE SOUTH, SUITE 600

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER: 0161-005002

NAME OF SUBMITTER: DANIEL M. BENNETT

SIGNATURE: /Daniel M. Bennett, Reg. No. 54,993/

DATE SIGNED: 11/01/2017

Total Attachments: 5

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ASSIGNMENT

PAUL DAVID BARTHOLOMEW, residing at 526 South 1680 East, Springville, UT 84663, WILLIAM SPENCER GUTHRIE, residing at 1421 East 850 South, Provo, UT 84606, and BRIAN ANTHONY MAZZEO, residing at 2934 Chippewa Way, Provo, UT 84604, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled

METHODS AND APPARATUS FOR ANALYSIS OF CONCRETE COVER IN REINFORCED CONCRETE STRUCTURES SUBJECT TO REINFORCEMENT CORROSION,

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and	wh	110	:h	15	а.

(1)	[] provisional application	
	(a) to be filed herewith; or	
	(b) bearing Application No, filed	,
	and Attorney Docket No; or	
(2)	[X] non-provisional application	
	(a) to be filed herewith; or	
	(b) bearing Application No. 13/183,300, filed July 1	4, 2011
	and Attorney Docket No. 0076-005001	

WHEREAS, Brigham Young University, a corporation organized and existing under and by virtue of the laws of the state of <u>Utah</u>, and having an office and place of business at <u>3760 Harold B. Lee Library, Provo, UT 84602-6844</u> (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

(a) the Invention(s);

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- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application(s) for patent of the United States or other countries claiming the Invention(s);
- (e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and
- (g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignor, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

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The Assignor hereby authorizes and requests the attorneys of **BRAKE HUGHES BELLERMANN LLP** to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 7 14 11	By: +P++
, ,	PAUL DAVID BARTHOLOMEW

	State of Utal
	County of Utal) SS.
	On July 14, 2011 , before me, Find Typhe Relmand, Notary Public,
	personally appearedPAUL DAVID BARTHOLOMEW, personally known to me or
	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.
	WITNESS my hand and official seal.
	AOTARY PUBLIC-STATE OF UTAH
/	PROVO, UTAH 84602
<u>_</u>	Signature of Notary Public COMM. EXP. 2-28-2012
	My Commission Expires: 2/28/2011 Place Notary Seal Above

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Date: 14 JULY 2011 By: WSpenier Bather
WILLIAM SPENCER GUTHRIE
State of Utal
County of Utal) ss.
On July 14, 2011, before me, Lynda Richmond, Notary Public,
personally appeared <u>WILLIAM SPENCER GUTHRIE</u> , personally known to me or
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(ics), 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.
WITNESS my hand and official seal. LYNDA RICHMOND NOTARY PUBLIC STATE OF UTNH
PROVO, UTAH 84602 COMM. EXP. 2-28-2012
Signature of Notary Public
My Commission Expires: 2/28/30/2 Place Notary Seal Above

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BRIAN ANTHONY MAZZEO

Date: Jarly 14, 2011 By: By:

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RECORDED: 11/01/2017