

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Atty Ref/Docket No.: 600.832US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Wook-Jin Seong, Young Cheul Heo, Hyeon Cheol Kim,
Iel Yong Sung, Soo Cheol Jeong

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

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

Name: Regents of the University of Minnesota

Street Address: 1000 Westgate Drive
Suite 160City: St. Paul State: MN Zip: 55114-8658Country: United States of America

3. Nature of conveyance:

Additional name(s) & address(es) attached? [] Yes [X] No

[X] Assignment [] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: November 20, 2012, November 20,
2012, November 28, 2012, November 28, 2012,
November 27, 2012

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

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

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 13/519,822, filed June 28, 2012

Additional numbers attached? [] Yes [X] No

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

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--09386. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account
19-07438. Please charge any additional fees or credit any over
payments to our Deposit Account No.: 19-0743

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.

David W. Black/Reg. No. 42,331
Name of Person Signing

Signature

Date

December 18, 2012

Total number of pages including cover sheet: 8

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

700498047

PATENT
REEL: 029582 FRAME: 0638

CH \$40.00 190743 13519822

Attorney Docket No. 600.832US1
Client Ref. No. Z09191

ASSIGNMENT

WHEREAS, Wook-Jin Seong, Young Cheul Heo, Hyeon Cheol Kim, Iel Yong Sung, Soo Cheol Jeong (hereinafter the "Undersigned") have made one or more inventions and other subject matter (hereinafter collectively referred to as the "Invention") which are described in a patent application filed on June 28, 2012, which application was assigned US patent application serial number 13/519,822, and which is titled BONE CEMENT AND METHOD; which are described in a patent application filed on December 29, 2010, which application was assigned PCT application serial number PCT/US2010/062417, and which is titled BONE CEMENT AND METHOD; which are described in a patent application filed on December 30, 2009, which application was assigned US application serial number 61/291,006, and which is titled DENTAL IMPLANT BONE CEMENT COMPOSITION.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged by the Undersigned, the Undersigned do hereby irrevocably and unconditionally:

CONVEY, ASSIGN, AND TRANSFER to Regents of the University of Minnesota (the "Assignee"), a corporation of the State of Minnesota, having a place of business at 1000 Westgate Drive, Suite 160, St. Paul, MN 55114-8658, the Undersigned's entire right, title, and interest for the United States and all foreign countries and jurisdictions in and to:

the invention which is disclosed in the above-identified application or applications;

such application or applications, and all divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other applications for a patent or patents which have been or shall be filed in the United States (including all provisional and non-provisional applications), and in all foreign countries and jurisdictions based in whole or in part on any of such invention (including any application for a utility model or an innovation patent application);

all original and reissued patents which have been or shall be issued in the United States and all foreign countries and jurisdictions based in whole or in part on any of such invention;

including the right to claim priority to the above-identified patent application or applications in relation to subject matter based in whole or in part on the above-identified patent application or applications and any of the foregoing including the right to file foreign applications under the provisions of any convention or treaty;

and including the right to all causes of action, remedies, and other enforcement rights related to the above-identified application or applications, including without limitation the right to sue for past, present, or future infringement, misappropriation, or violation of any and all rights related to the above-identified patent application or applications and any of the foregoing, including the right to obtain and collect damages for past, present, or future infringement;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such invention to the Assignee;

Assignment

Assignors: Wook-Jin Seong et al.
Title: BONE CEMENT AND METHOD
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Docket No: 600.832US1
Client Ref. No. Z09191

AUTHORIZE AND REQUEST that any attorney associated with U.S. Patent and Trademark Office (USPTO) Customer No. 21186 may (directly or through his/her designee) delete, insert, or alter any information related to the above-identified patent application or applications or any of the foregoing, after execution of this Assignment;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or shall be made to others by the Undersigned, and that the full right to convey the same as herein expressed is possessed by the Undersigned;

COVENANT, that when requested and without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the Undersigned shall (1) execute all provisional, non-provisional, divisional, continuing (including continuation-in-part), substitute, renewal, reissue, and all other patent applications for the invention; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers for the invention; (3) communicate to the Assignee all facts known to the Undersigned relating to the invention and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for the invention; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such invention in the Assignee, or for securing, maintaining and enforcing proper patent protection for the invention;

COVENANT, that should any provision of this agreement be held unenforceable by an authority of competent jurisdiction, such a ruling shall not affect the validity and enforceability of the remaining provisions. To the extent that any such provision is found to be unenforceable, the Undersigned, when requested and without compensation shall act in good faith to substitute for such provision a new provision with content and purpose as close as possible to the provision deemed unenforceable.

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives, and successors of the Undersigned, and is to extend to the benefit of the successors, assigns, and nominees of the Assignee.

AGREED as of the date of my signature below:

Assignment
Assignors: Wook-Jin Seong et al.
Title: BONE CEMENT AND METHOD
Page 3 of 7

Docket No: 600.832US1
Client Ref. No. Z09191

Assignor:

(Signature):

Name: Wook-Jin Seong

City/State: Roseville, MN

Date:

11/20/2012

STATE OF

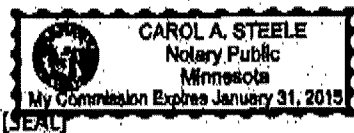
Minnesota

)ss

COUNTY OF

Dakota

On this 20 day of November, 2012 before me personally appeared Wook-Jin Seong, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Carol A. Steele

Notary Public

Assignment
Assignors: Wook-Jin Seong et al.
Title: BONE CEMENT AND METHOD
Page 4 of 7

Docket No: 600.832US1
Client Ref. No. Z09191

Assignor:

(Signature):

Name: Young Cheul Heo

City/State: St. Paul, MN Roseville, MN

Date: 11/20/2012

STATE OF Minnesota

)ss

COUNTY OF Dakota

On this 20 day of November, 2012 before me personally appeared Young Cheul Heo, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Carol A. Steele

Notary Public

Assignment
Assignors: Wook-Jin Seong et al.
Title: BONE CEMENT AND METHOD
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Docket No: 600.832US1
Client Ref. No. Z09191

Assignor:

(Signature):

Name: Hyeon Chaol Kim

City/State: Busan, Republic of Korea

Date: 28th Nov 2012

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 20____ before me personally appeared Hyeon Chaol Kim, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

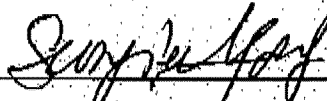
[SEAL]

Notary Public

Assignment
Assignors: Wook-Jin Seong et al.
Title: BONE CEMENT AND METHOD
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Docket No: 600.832US1
Client Ref. No. 209191

Assignor:

(Signature): 

Name: Jai Yong Sung

City/State: Ulsan Metropolitan City, Republic of Korea

Date: 28, 11, 2012

STATE OF _____)

)ss

COUNTY OF _____)

On this _____ day of _____, 20____ before me personally appeared Jai Yong Sung, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

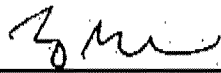
Notary Public

Assignment
Assignors: Wook-Jin Seong et al.
Title: BONE CEMENT AND METHOD
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Docket No: 600,832US1
Client Ref. No. Z09191

Assignor:

(Signature):



Name: Soo Cheol Jeong

City/State: St. Paul, MN Minneapolis, MN

Tsch 11/27/2012

Date: 11/27/2012

STATE OF Minnesota

)ss

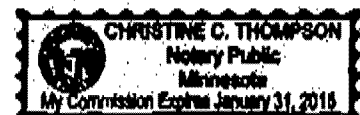
COUNTY OF Hennepin

On this 27th day of November, 2012, before me personally appeared Soo Cheol Jeong, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

(SEAL)

Christine C. Thompson

Notary Public



PATENT