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PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | | NEW ASSIGNMENT | | |
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| NATURE OF CONVEYANCE: | | ASSIGNMENT | | |
| CONVEYING PARTY D | ΑΤΑ | - | | |
| | | Name | Execution Date | |
| JEREMY E. JO | | | 07/13/2016 | |
| JEFFREY MILES RAGA | ZZINI | | 07/14/2016 | |
| JAMES G. HANNOOSH | | | 07/11/2016 | |
| TERRY G. LORBER II | | | 07/18/2016 | |
| RECEIVING PARTY DA | .TA | | | |
| Name: | DENTSPL | Y INTERNATIONAL INC. | | |
| Street Address: | 570 WEST | COLLEGE AVENUE | | |
| City: | YORK | | | |
| State/Country: | PENNSYL | VANIA | | |
| Postal Code: | 17405 | | | |
| PROPERTY NUMBERS | Total: 5 | Numerica and | 7 | |
| Property Type Application Number: | 142 | Number 228373 | | |
| Property Type Application Number: Application Number: | 142 618 | 228373 305962 | | |
| Property Type Application Number: Application Number: Application Number: | 142 618 148 | 228373 305962 311172 | | |
| Property Type Application Number: Application Number: Application Number: | 142 618 148 294 | 228373 305962 311172 493588 | | |
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/Kerri J. Smith/

SIGNATURE:

| DATE SIGNED: | 08/15/2016 | |
|---------------------------|------------|--|
| Total Attachments: 9 | · · | |
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JOINT ASSIGNMENT OF APPLICATION

Whereas, We, Jeremy E. JO, Jeffrey Miles RAGAZZINI, James G. HANNOOSH and Terry G. LORBER, II, hereafter referred to as "applicants" or "assignors", who reside at the corresponding addresses provided below, have invented certain new and useful improvements relating to dental implant components and tools for which U.S. Provisional Application No. 61/805,962 was filed on March 28, 2013; U.S. Nonprovisional Application No. 14/228,373 was filed on March 28, 2014; PCT Patent Application No. PCT/US2014/032110 was filed on March 28, 2014; U.S. Design Application No. 29/493,588 filed on June 11, 2014; and U.S. Nonprovisional Application No. 14/811,172 was filed on July 28, 2015.

Whereas, DENTSPLY International Inc., whose street address is 570 West College Avenue, York, Pennsylvania 17405, United States of America, herein referred to as "assignee," is desirous of acquiring the entire right, title and interest in the same.

Now, therefore, in consideration of the sum of one dollar (\$1.00), the receipt whereof is acknowledged and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, We as assignors have sold, assigned, transferred, and set over, and hereby sell, assign, transfer and set over unto the assignee, its lawful successors and assigns, our entire right, title and interest in and to this invention and these applications, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this assignment;

AND, We hereby covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, We hereby further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers that may be necessary or

Page 1 of 3

desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce. Letters Patent for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true: and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, we hereunto set our hands having read and understood this Assignment.

1216 02 13 Date 49

Somerville, MA 02144-1942 United States of America

Citizenship: United States

Jeremy E. JO 18 Park Avenue

7/13/16

Mitness

Date

Witness

Date

 Assignor
 Date
 Witness
 Date

 Jeffrey Miles RAGAZZINI 8 Touro Avenue Medford, MA 02155
 Witness
 Date

 Medford, MA 02155
 Witness
 Date

 United States of America Citizenship: United States
 Page 2 of 3

| Assignor | Date | Witness | Date |
|---|------|---------|------|
| James G. HANNOOS 25 Williams Path | ЗH | | |
| West Barnstable, MA United States of Ame Citizenship: United St | rica | Witness | Date |
| | | | |
| Assignor | Date | Witness | Date |

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AND, We hereby covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment,

AND, We hereby further covenant and agree that We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers that may be necessary or

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desirable to perfect the title to this invention in said assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce Letters Patent for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therefrom.

IN WITNESS WHEREOF and INTENDING TO BE LEGALLY BOUND, we hereunto set our hands having read and understood this Assignment.

| Assignor | Date | Witness | Date |
|----------------------------------|---------------------------|---|---|
| Jeremy E. JO | | | |
| 18 Park Avenue | | | |
| Somerville, MA 02144 | -1942 | | |
| United States of Amer | rica | | |
| Citizenship: United St | ates | Witness | Date |
| <u>All Mrz</u> Assignor | <u>2016-07-14</u> Date | <u>/////c</u> Witness | <u>2016-07-14</u> Date |
| Jeffrey Miles RAGAZ2 | | A. Co | - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 199 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 |
| 8 Touro Ayenúe | | - / /////////////////////////////////// | - 2.216 - 64 - 14 |
| Medford, MA 02155 | | | |
| United States of Amer | ica | Witness | Date |
| Citizenship: United St | ates | | |
| 18 Cherry Street | | | |
| Apar Emport 16 | | | |
| - Seenory (Ue, MA 01194 - VSA | Page | 2 of 3 | |

| Date | Witness | Date |
|---------|-------------------------------|---|
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| A Dearb | MAR | <u></u> |
| Date | Witness | / Date |
| | Maash | 1/18/2010 |
| | Witness | Date |
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| Assignor Date Jeremy E. JO 18 Park Avenue Somerville, MA 02144-1942 United States of America Citizenship: United States | | Witness | Date |
|--|------|---------|------|
| | | Witness | Date |
| | | | |
| Assignor Jeffrey Miles RAGAZZ | Date | Witness | Date |

Page 2 of 3

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|--|-------|-----------|-------------------|
| Assignor | Date | Witness | Date |
| James G. HANNOOSH 25 Williams Path | | | |
| West Barnstable, MA 02668 United States of America | | Witness | Date |
| Citizenship: United States | | | |
| Assignor | | Witness | Date |
| Terry G. LORBER, II 370 Forest Avenue | | | |
| Swampscott, MA 01907 United States of America Citizenship: United States | | Witness | Date |

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PATENT REEL: 039432 FRAME: 0087

RECORDED: 08/15/2016