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**PROVISIONAL APPLICATION FOR PATENT COVER SHEET – Page 1 of 2**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

Express Mail Label No. \_\_\_\_\_

INVENTOR(S)		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Yong	Gao	Broken Arrow, OK 74012
Randall	Maxwell	Broken Arrow, OK 74011
Additional inventors are being named on the _____ separately numbered sheets attached hereto		
<b>TITLE OF THE INVENTION (500 characters max):</b>		
ENDODONTIC ROTARY INSTRUMENTS MADE OF SHAPE MEMORY ALLOYS IN THEIR MARTENSITIC STATE AND MANUFACTURING METHODS		
<b>Direct all correspondence to: CORRESPONDENCE ADDRESS</b>		
<input type="checkbox"/> The address corresponding to Customer Number: <input type="text"/>		
<b>OR</b>		
<input checked="" type="checkbox"/> Firm or Individual Name David A. Zdrune, DENTSPLY International Inc.		
Address 570 West College Avenue P.O. Box 872		
City York	State PA	Zip 17405-0872
Country US	Telephone 717-849-4461	Email david.zdrune@dentsply.com
<b>ENCLOSED APPLICATION PARTS (check all that apply)</b>		
<input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		<input type="checkbox"/> CD(s), Number of CDs _____
<input checked="" type="checkbox"/> Specification Number of Pages 25 _____		<input type="checkbox"/> Other (specify) _____
<input type="checkbox"/> Drawing(s) Number of Sheets _____		
<b>Fees Due:</b> Filing Fee of \$200 (\$100 for small entity). If the specification and drawings exceed 100 sheets of paper, an application size fee is also due, which is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).		
<b>METHOD OF PAYMENT OF THE FILING FEE AND APPLICATION SIZE FEE FOR THIS PROVISIONAL APPLICATION FOR PATENT</b>		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.		<input type="text" value="\$220.00"/>
<input type="checkbox"/> A check or money order is enclosed to cover the filing fee and application size fee (if applicable).		
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached		<b>TOTAL FEE AMOUNT (\$)</b>
<input checked="" type="checkbox"/> The Director is hereby authorized to charge the filing fee and application size fee (if applicable) or credit any overpayment to Deposit		
Account Number: 04-0780 _____ A duplicative copy of this form is enclosed for fee processing.		

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This collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PROVISIONAL APPLICATION COVER SHEET  
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PTO/SB/16 (10-05)

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The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

No.

Yes, the name of the U.S. Government agency and the Government contract number are: \_\_\_\_\_

**WARNING:**

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

SIGNATURE \_\_\_\_\_

Date May 10, 2010

TYPED or PRINTED NAME David A. Zdume

REGISTRATION NO. 58630  
(if appropriate)

TELEPHONE 717-849-4461

Docket Number: TUL-229A

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Yong Gao et al. :  
: :  
Application No: : Group Art Unit:  
: :  
Filed: HEREWITH : Examiner:  
: :  
For: ENDODONTIC ROTARY INSTRUMENTS MADE OF SHAPE MEMORY ALLOYS  
IN THEIR MARTENSITIC STATE AND MANUFACTURING METHODS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**APPLICATION DATA SHEET**

**1. Applicant Information**

First Applicant: Yong Gao  
Mailing Address: 323 N. Butternut Avenue  
Broken Arrow, OK 74012  
US  
Residence: Same  
Citizenship: P.R. China

Second Applicant: Randall Maxwell  
Mailing Address: 12945 S. 124 E Avenue  
Broken Arrow, OK 74011  
US  
Residence: Same  
Citizenship: US

**2. Correspondence Information**

Correspondence for this application should be addressed to:

Name: David A. Zdurme

Address: DENTSPLY International Inc.  
570 West College Avenue  
P.O. Box 872  
York, PA 17405-0872

Customer No: 23439

### 3. Application Information

Title of Invention: ENDODONTIC ROTARY INSTRUMENTS MADE OF SHAPE  
MEMORY ALLOYS IN THEIR MARTENSITIC STATE AND  
MANUFACTURING METHODS

Docket number assigned to this application: TUL-229A

Suggested Classification:

Class: \_\_\_\_\_ Subclass: \_\_\_\_\_

Technology Center: \_\_\_\_\_

Total number of drawing sheets: 0

Suggested drawing figure for publication: \_\_\_\_\_

Application is not being published.

Type of Application:

- Utility Application
- Design Application
- Provisional Application
- Reissue Application
- Plant Application

Genus: \_\_\_\_\_ Species: \_\_\_\_\_

Denomination: \_\_\_\_\_

This Application discloses a significant part of the subject matter of an application  
which is under a secrecy order pursuant to §37 CFR 5.2.

### 4. Representative Information

The following have a power of attorney or authorization of agent in this Application

Name of attorney (agent): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Customer No: 23439

**5. Domestic Priority Information**

Domestic priority for this application is claimed as

No domestic priority is claimed.

35 U.S.C. §119(e)

Application No: \_\_\_\_\_

Filed: \_\_\_\_\_

Status: \_\_\_\_\_

Relationship: \_\_\_\_\_

35 U.S.C. §120

Application No: \_\_\_\_\_

Filed: \_\_\_\_\_

Status: \_\_\_\_\_

Relationship: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

U.S. Application Number	Date of Filing (day, month, year)	Status (patented, pending, abandoned)

35 U.S.C. §121

Application No: \_\_\_\_\_

Filed: \_\_\_\_\_

Status: \_\_\_\_\_

Relationship: \_\_\_\_\_

35 U.S.C. §365(c)

Application No: \_\_\_\_\_

Filed: \_\_\_\_\_

Status: \_\_\_\_\_

Relationship: \_\_\_\_\_

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