

Form PTO-1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)	RECORDATION FORM COVER SHEET PATENTS ONLY	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
---------------------------------------------------------------------	------------------------------------------------------------	-----------------------------------------------------------------

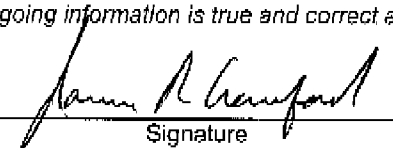
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Konrad TZSCHENTKE October 30, 2008 Hans-Jurgen SCHREINER October 8, 2008 Kurt HANDSCHUH November 1, 2008 Raouf BEN AMOR November 3, 2008 Michael FRIPAN November 3, 2008 Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: <u>CeramTec AG</u> Internal Address: _____ Street Address: <u>Fabrikstrasse 23-29</u> City: <u>Plochingen</u> Country: <u>Germany</u> Zip: <u>73207</u> Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>See #1 above</u>	

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: _____ A. Patent Application No.(s): <u>12/161,421</u> B. Patent No.(s): _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>James R. Crawford</u> <u>Fulbright & Jaworski L.L.P.</u> Internal Address: <u>Atty. Dkt DNAG-355-US</u> <u>(10809427)</u> Street Address: <u>666 Fifth Avenue</u> <u>New York, New York 10103</u>	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged additional fees to deposit account <input checked="" type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed) 8. Deposit account number: if check not attached <u>50-0624</u> (Attach duplicate copy of this page if paying by deposit account)
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

DO NOT USE THIS SPACE

9. Statement and signature. <i>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.</i>		
<u>James R. Crawford</u> Name of Person Signing	 Signature	<u>11/12/08</u> Date
Total number of pages including cover sheet, attachments, and documents: <u>8</u>		

PATENT

Attorney Docket No.: DNAG-355-US

Worldwide Rights — Sole or Joint

Assignment

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto **CeramTec AG** with offices at Fabrikstrasse 23-29, 73207 Plochingen, Germany (hereinafter ASSIGNEE), effective on the date indicated next to my name, all right, title and interest in and to his invention relating to

APPARATUS AND METHOD FOR CONTROLLING THE MACHINING OF WORKPIECES USING PIEZOCERAMIC TRANSDUCERS

as set forth in his United States Patent Application

☐ executed concurrently herewith

☐ executed _____

☒ Serial No. 12/161,421 _____

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States and all divisions, continuations, additions, extensions, renewals and reissues thereof and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty or international convention; to be held and enjoyed by said ASSIGNEE, their successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, their successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

MON/10/NOV/2008 13:42

FAX Nr.: 069-7165-2331

P. 008/012

Attorney Docket No.: DNAG-355-US

Worldwide Rights — Sole or Joint

ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature:

Konrad TZSCHENTKE

2008-10-30

Date of this Assignment

Signature:

Hans-Jürgen SCHREINER

28.10.08

Date of this Assignment

Signature:

Karl HANDSCHUH

Date of this Assignment

Signature:

Raouf BEN AMOR

Date of this Assignment

50253012.1

2

MON/10/NOV/2008 13:43

FAX Nr.: 069-7165-2331

P. 009/012

Attorney Docket No.: DNAG-355-US

Worldwide Rights — Sole or Joint

ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature: Konrad TZSCHENTKEDate of this AssignmentSignature: Hans-Jürgen SCHREINER23.10.08
Date of this AssignmentSignature: Kurt HANDSCHUHDate of this AssignmentSignature: Raouf BEN AMORDate of this Assignment

80333012.1

2

MON/10/NOV/2008 13:43

FAX Nr.: 069-7165-2331

P. 010/012

Attorney Docket No.: DNAG-355-US

Worldwide Rights — Sole or Joint

ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature: _____ Konrad TZSCHENTKE	_____ Date of this Assignment
Signature: _____ Hans-Jürgen SCHREINER	23.10.08 Date of this Assignment
Signature: _____ Kurt HANDSCHUH	1.11.08 Date of this Assignment
Signature: _____ Raouf BEN AMOR	_____ Date of this Assignment

80257012.1

2

MON/10/NOV/2008 13:43

FAX Nr.: 069-7165-2331

P. 011/012

Attorney Docket No.: DNAG-355-US

Worldwide Rights — Sole or Joint

ASSIGNEE, their successors, legal representatives or assigns all information known to them relating to said invention or patent application and that they will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, their successors, legal representatives or assigns to perfect title to said invention, to said application including divisions, continuations, reissues, extensions, additions and renewals thereof and to any and all Letters Patent which may be granted therefor or thereon, in said ASSIGNEE, their successors, or assigns or to assist said ASSIGNEE, their successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent for said invention;

Each of the undersigned hereby grants to the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Names and Signatures of Inventors:

Signature: Konrad TZSCHENTKEDate of this AssignmentSignature: Hans-Jürgen SCHREINER28.10.08
Date of this AssignmentSignature: Kurt HANDSCHUHDate of this AssignmentSignature: Raoul BEN AMOR03.11.2008
Date of this Assignment

80253012.1

2

MON/10/NOV/2008 13:43

FAX Nr. :069-7165-2331

P. 012/012

Attorney Docket No.: DNAG-355-US

Worldwide Rights — Sole or Joint

Signature: _____

Michael FRIPAN

03.M.08

Date of this Assignment

FULBRIGHT & JAWORSKI L.L.P.
666 FIFTH AVENUE
NEW YORK, NEW YORK 10103

R0253012.t

3