

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

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? Yes No

2. Name and address of receiving party(ies)
 Name: CeramTec AG
 Internal Address: _____
 Street Address: Fabrikstrasse 23-29
 City: Plochingen
 Country: Germany Zip: 73207
 Additional name(s) & address(es) attached: Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: See #1 above

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): 12/161,421
 B. Patent No.(s): _____
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: James R. Crawford
Fulbright & Jaworski L.L.P.
 Internal Address: Atty. Dkt DNAG-355-US
(10809427)
 Street Address: 666 Fifth Avenue
New York, New York 10103

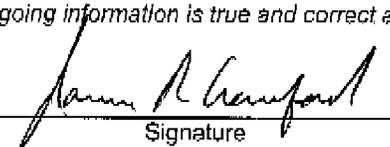
6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged additional fees to deposit account
 Authorized to be charged to credit card (Form 2038 enclosed)

8. Deposit account number: if check not attached
50-0624
 (Attach duplicate copy of this page if paying by deposit account)

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.

James R. Crawford
 Name of Person Signing  Signature 11/12/08 Date

Total number of pages including cover sheet, attachments, and documents: 8 **PATENT**

OP \$40.00 12161421

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 No.: 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: K. Tschentke
Kourad TZSCHENTKE

2008-10-30
Date of this Assignment

Signature: H. Schreiner
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

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

MON/10/NOV/2008 13:43

FAX No. :069-7165-2331

P. 010/012

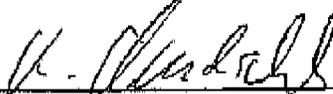
Attorney Docket No.: DNAG-355-US

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:  _____	<u>29.10.08</u>
Hans-Jürgen SCHREINER	Date of this Assignment
Signature:  _____	<u>1.11.08</u>
Kurt HANDSCHUH	Date of this Assignment
Signature: _____	_____
Raouf BEN AMOR	Date of this Assignment

80757012.1

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 TZSCHENTKE	_____ Date of this Assignment
Signature: _____ Hans-Jürgen SCHREINER	28.10.08 _____ Date of this Assignment
Signature: _____ Kurt HANDSCHUH	_____ Date of this Assignment
Signature: _____ Raoni BEN AMOR	03.11.2008 _____ Date of this Assignment

80253012.1

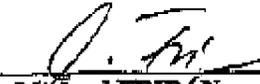
MON/10/NOV/2008 13:43

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