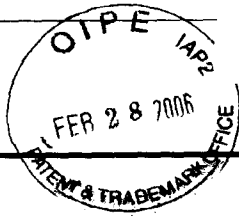


3-2806

03-08-2006

Express Mail No. EV 456 921 292 US



103193669

2 SHEET
Y

Attorney Docket Number 861840-999037

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): ULRICH WEGMANN and HELMUT HAIDNER 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: CARL ZEISS SMT AG Address: Carl-Zeiss-Strasse 22 73447 Oberkochen Federal Republic of Germany Country (if other than USA): Federal Republic of Germany Zip Code: 73447 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment Merger Security Agreement Change of Name Other Execution Date: <u>December 19, 2005 and December 15, 2005,</u> <u>respectively.</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 application is:
 A. Patent Application No.(s) 11/282,154 filed November 18, 2005 B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed: JONES DAY 2882 Sand Hill Road, Suite 240 Menlo Park, CA 94025	6. Number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41):.....\$ 40.00 Please charge to the deposit account listed in Section 8. 8. Deposit account number: <u>50-1432</u>
--	---

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 W. Peterson	26,057		February 28, 2006
Name of Person Signing	Reg. No.	Signature	Date

Total number of pages including cover sheet: 2

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Or fax documents to Fax No.: 571-273-0140

03/07/2006 DBYRNE 00000211 501432 11282154
01 FC:8021 40.00 DA

CAJD: 524069.1

PATENT
REEL: 017633 FRAME: 0118

ASSIGNMENT

WHEREAS, WE, ULRICH WEGMANN AND HELMUT HAIDNER, ASSIGNORS, citizens of the Federal Republic of Germany, residing at Erlenweg 5, 89551 Koenigsbronn, Federal Republic of Germany and Jakob-Schweiker Strasse 33, 73439 Aalen, Federal Republic of Germany, respectively, are the inventors of the invention in METHOD OF MANUFACTURING A MINIATURIZED DEVICE for which we have executed an application for a Patent of the United States

which is executed on even date herewith or

which is identified by Jones Day docket no.

which was filed on , Application No.

We hereby authorize and request our attorney(s), James W. Peterson, at Jones Day, to insert here in parentheses (Application number, 11/282,154 filed Nov. 18, 2005) the filing date and application number of said application when known.

and WHEREAS, CARL ZEISS SMT AG, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner for Patents and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date Dec 17, 2005 Ulrich Wegmann L.S.

Date 12/15, 2005 Helmut Haidner L.S.