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To the Director of the United States Patent and Trademark Office.

Docket No.:

1210/95882

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

1. Name of conveying party(ies):

Stephan BACK

Additional names(s) of conveying party(ies)

☒ Yes ☐ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: February 22, 2006

2. Name and address of receiving party(ies):

Name: CARL ZEISS SMT AG

Address: Carl-Zeiss-Strasse 22

City: Oberkochen

State/Prov.:

Country: GERMANY

ZIP: D-73447

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

11/316,160

12/21/2005

Additional numbers

☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: GERALD T. SHEKLETON (1210/95882)

Registration No. 27,466

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City: Chicago

State/Prov.: Illinois

Country: U.S.A.

ZIP: 60606-3912

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

23-0920

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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.

GERALD T. SHEKLETON

*Gerald T. Shekleton*

APRIL 6, 2006

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document:

5

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PATENT  
REEL: 017750 FRAME: 0250

**Names of Inventors****Assignment Execution Date**

Stephan BACK	February 22, 2006
Wolfgang HUMMEL	February 13, 2006
Juergen FISCHER	February 8, 2006
Karl-Eugen AUBELE	February 27, 2006
Erich MERZ	February 24, 2006
Raoul REINER	February 21, 2006
Klaus RIEF	February 23, 2006
Stefan SCHOENGART	February 27, 2006
Markus NEUMAIER	February 22, 2006
Baerbel SCHWAER	February 9, 2006
Ulrich WEBER	February 8, 2006
Michael MUEHLBEYER	March 26, 2006
Hubert HOLDERER	February 9, 2003
Alexander KOHL	February 13, 2006
Jochen WEBER	February 22, 2006
Johannes LIPPERT	February 26, 2006
Thorsten RASSEL	February 20, 2006

Attorney Docket No. 1210/95882

**ASSIGNMENT OF INVENTION**

For: ( ) U.S. and/or ( ) Foreign Rights  
 For: (X) U.S. Application or ( ) U.S. Patent  
 By: ( ) Inventor(s) or ( ) Present Owner

Assignment Recorded on

Reel: .....

Frame: .....

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,  
 ASSIGNOR:

BACK, Stephan, ~~Beethovenstr. 4, 89129 Langenau / Germany~~ *Kranzprinzenstr. 33 22.06.06*  
 HUMMEL, Wolfgang, ~~Zeppelinweg 64, 73447 Oberkochen / Germany~~ *Zeppelinstrasse 69/73430 Aalen / Germany*  
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 HOLDERER, Hubert, Zeppelinweg 19, 73447 Oberkochen / Germany  
 KOHL, Alexander, Karlsplatz 24, 73433 Aalen / Germany  
 WEBER, Jochen, ~~Gartenstr. 44, D-89520 Grosskuchen / Germany~~ *Lohndorferweg 2 22.06.06*  
 LIPPERT, Johannes, Moritzwinden 2, 91592 Buch am Wald / Germany  
 RASSEL, Thorsten, ~~Wiesenweg 10, D-74426 Buchlerzell / Germany~~ *Buchlerweg 6, 73460 Hüttlingen 20.06.06*

hereby sell, assign and transfer to ASSIGNEE:

Carl Zeiss SMT AG, Carl-Zeiss-Strasse 22, D-73447 Oberkochen / Germany

and the successors, assigns and legal representatives of the ASSIGNEE

- (X) the entire right, title and interest in the United States of America  
 ( ) and undivided ..... percent ( ..... %) interest for the United States and its territorial possessions  
 ( ) and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled

**IMAGING DEVICE IN A PROJECTION EXPOSURE MACHINE**

and which is found in:

- ( ) U.S. Patent Application executed on even date herewith; or  
 ( ) U.S. Patent Application executed on .....; or  
 (X) U.S. Application serial no. 11/316,160 filed on 12/21/2005  
 (may be filled in when known); or  
 ( ) U.S. Patent No. .... issued .....  
 ( ) A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately; or  
 ( ) and any legal equivalent thereof in a foreign country, including the right to claim priority;

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR, hereby covenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments of affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WHITNESS WHEREOF, I/We have hereunto set hand this

Date: Feb. 22. 2006

Stephan BACK

Date: Feb. 13. 2006

Wolfgang HUMMEL

Date: Feb. 08. 2006

Juergen FISCHER

Date: Feb. 21. 2006

Karl-Eugen AUBER

Date: Feb. 24. 2006

Erich MERZ

Date:

Raoul REINER

Date: 23. 07. 2006

Klaus RIEF

Date: Feb. 27. 2006

Stefan SCHOENGART

Date: Feb. 22. 2006

Markus NEUMAIER

Date: Feb. 09. 2006

Baerbel SCHWAER

Date: Feb. 08. 2006

Ulrich WEBER

Date: March 24<sup>th</sup> 2006

Michael MUEHLBEYER

Date: Feb. 09. 2006

Hubert HOLDERER

Date: Feb. 13. 2006

Alexander KOHL

Date: Feb. 22. 2006

Jochen WEBER

Date: Feb. 26. 2006

Johannes LIPPERT

Date: Feb. 20. 2006

Thorsten RASSEL

Attorney Docket No. 1210/95882

ZS 5439PCT/US-CIP - 05269P US CIP

IN WITNESS WHEREOF, I/We have hereunto set hand this

Date:

(Stephan BACK)

Date:

(Wolfgang HUMMEL)

Date:

(Juergen FISCHER)

Date:

(Karl-Eugen AUBELE)

Date:

(Erich MERZ)

Date:

Feb. 21, 2006

(Raoul REINER)

Date:

(Klaus RIEF)

Date:

(Stefan SCHOENGART)

Date:

(Markus NEUMAIER)

Date:

(Baerbel SCHWAER)

Date:

(Ulrich WEBER)

Date:

(Michael MUEHLBEYER)

Date:

(Hubert HOLDERER)

Date:

(Alexander KOHL)

Date:

(Jochen WEBER)

Date:

(Johannes LIPPERT)

Date:

(Thorsten RASSEL)