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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office



102827808

original documents or copy thereof

To the Honorable Commissioner of Pat

1. Name of conveying party(ies):

Lucas Franciscus Koorneef (08/06/2004), Jeroen van Aert (08/12/2004), Frans van Deuren (07/27/2004), and Sander Broers (07/27/2004)

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of Conveyance:

Assignment  Merger  Security Agreement  Change of Name  Other

Execution Date: see Box 1, conveying parties

2. Name and address of receiving party(ies)

Name: Carl Zeiss SMT AG

Internal Address:

Street Address:

Carl-Zeiss Strasse 22 73447 Oberkochen GERMANY

City:

State: Zip:

Additional name(s) & address(es) attached:  Yes  No

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): 10/704,534

B. Patent No.(s):

Additional numbers attached?  Yes  No

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

Name: Melvin C. Garner DARBY & DARBY P.C.

Internal Address: Atty. Dkt.: 01641/000M876-US0

Street Address: P.O. Box 5257

City: New York State: NY Zip: 10150-5257

6. Total number of applications and patents involved: 1

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

8. Deposit account number: 04-0100 (Attach duplicate copy of this page if paying by deposit account)

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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.

Edward J. Ellis - 40,389 Name of Person Signing

Signature

August 26, 2004 Date

Total number of pages including cover sheet, attachments, and documents: 13

08/30/2004 CCHAU1 00000064 10704534 40.00 OP

Express Mail Label No. Dated:

PATENT REEL: 015741 FRAME: 0281

**ASSIGNMENT**

I, Lucas Koorneef, a citizen of Netherlands, residing at Aert van der Neerstraat 7; 5642LK Eindhoven; NETHERLANDS; and

I, Jeroen van Aert, a citizen of Netherlands, residing at Outshoornstraat 57; 5622QX Eindhoven; NETHERLANDS; and

I, Frans van Deuren, a citizen of Netherlands, residing at Crocuslaan 26; 5551AH Valkenswaard; NETHERLANDS; and

I, Sander Broers, a citizen of Netherlands, residing at Jan Heynslaan 26; 5622KM Eindhoven; NETHERLANDS;

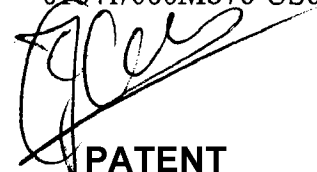
and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

Carl Zeiss SMT AG

located at Carl-Zeiss Strasse 22, 73447 Oberkochen, GERMANY (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **throughout the world** in and to my Invention entitled:

**HERMETICALLY SEALED ELEMENTS OF AN ACTUATOR**

invented by me and described in Patent Application No. 10/704,534, filed on November 6, 2003, in the United States; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full







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I, Lucas Koorneef, a citizen of Netherlands, residing at Aert van der Neerstraat 7;  
5642LK Eindhoven; NETHERLANDS; and

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5622QX Eindhoven; NETHERLANDS; and

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Valkenswaard; NETHERLANDS; and

I, Sander Broers, a citizen of Netherlands, residing at Jan Heynslaan 26; 5622KM  
Eindhoven; NETHERLANDS;

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I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: \_\_\_\_\_

\_\_\_\_\_  
Lucas Koorneef, Inventor

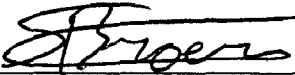
Dated: \_\_\_\_\_

\_\_\_\_\_  
Joroen van Aert, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Frans van Deuren, Inventor

Dated: 27-07-2004

  
\_\_\_\_\_  
Sander Broers, Inventor

Express Mail Label No.

Dated: \_\_\_\_\_

**ASSIGNMENT**

FRANCISCUS

I, Lucas Koorneef, a citizen of Netherlands, residing at Aert van der Neerstraat 7; 5642LK Eindhoven; NETHERLANDS; and

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I, Sander Broers, a citizen of Netherlands, residing at Jan Heynslaan 26; 5622KM Eindhoven; NETHERLANDS;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

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I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 2004-8-6

  
\_\_\_\_\_  
Lucas Kooimeef, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Joroen van Aert, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Frans van Deuren, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Sander Broers, Inventor



end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

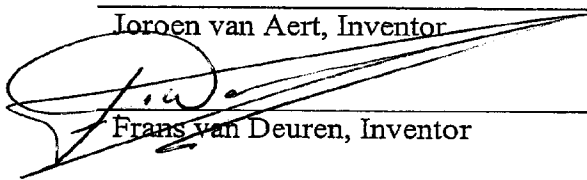
Dated: \_\_\_\_\_

\_\_\_\_\_  
Lucas Koorneef, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Iroen van Aert, Inventor

Dated: 2004-07-27

  
\_\_\_\_\_  
Frans van Deuren, Inventor

Dated: \_\_\_\_\_

\_\_\_\_\_  
Sander Broers, Inventor