

A/D 581.40

09/700686

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

01-04-2001

500 Rec'd PTO 17 NOV 2000

U.S. Department of Commerce
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Conveying Party(ies)

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Name (line 1) Holger Frische Execution Date 11/14/2000
Month Day Year

Name (line 2) _____

Second Party

Name (line 1) Dr. -Ing. Jens Peter Wulfsberg Execution Date 11/06/2000
Month Day Year

Name (line 2) _____

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Name (line 1) OLYMPUS WINTER & IBE GMBH If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) _____

Address (line 1) Kuehnstrasse 61

Address (line 2) _____

Address (line 3) 22045 Hamburg Germany _____
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

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Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT

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Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

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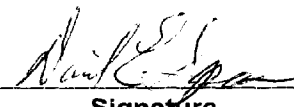
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

David E. Spaw  November 17, 2000

Name of Person Signing Signature Date

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532 Rec'd PCT/PTO PATENT
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Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1) Michael Weber

Execution Date
Month Day Year
11032000

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party(ies)

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

ENDOSCOPE OPTICS WITH DEVICE COUNTERACTING LENS-ELEMENT SHIFTING

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below, which application is further identified as Pearne & Gordon LLP Docket No. 33009.

WHEREAS, OLYMPUS WINTER & IBE GMBH, a corporation of Germany, having a place of business at Kuehnstraße 61, 22045 Hamburg, Germany, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (joint): Holger Frische

Signature: *H. Frische* x

Today's Date: 14.11.00 x

Date I Signed Declaration: 14.11.00 x

1. Witness: Zörnstrup, Volker *H. Frische* x

2. Witness: WERNER BECKONERT 14. NOV. 2000 *W. Beckonert*

(2) Inventor Name (joint): Dr.-Ing. Jens Peter Wulfsberg

Signature: *J.P. Wulfsberg*

Today's Date: 6. Nov. 2000

Date I Signed Declaration: 6. Nov. 2000

1. Witness: Binger Lange, 6. Nov 2000 *B. Lange*

2. Witness: Klaus-Dieter Ziegert, 9. Nov. 2000 *Klaus-Dieter Ziegert*

(3) Inventor Name (joint): Michael Weber

Signature: *M. Weber*

Today's Date: 3. Nov. 2000

Date I Signed Declaration: 3. Nov 2000

1. Witness: (HEIDI SCHWINGE)

1. Witness: 3. Nov. 2000 Heidi Schwing

2. Witness: Klaus-Dieter Ziegert (Klaus-Dieter Ziegert)