09-26-2006 Form PTO-1595 (Rev. 08/05) U.S. DEPARTMENT OF COMMERCE OMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office 103312538 To the Director of the U.S. Patent and Trademark Office: Please record the auto--d documents or the new address(es) below. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies) (1) Stephen Roux; (2) Erik Loopstra and (3) Michael L. Name: <u>ASML Holding N.V.</u> Nelson Internal Address: Additional name(s) of conveying party(ies) attached? $oxedsymbol{oxed}$ Yes $oxedsymbol{oxed{X}}$ No 3. Nature of conveyance/Execution Date(s): Street Address: De Run 6501 Execution Date(s) See 1 in Addendum X Assignment Merger City: Veldhoven Security Agreement ☐ Change of Name Joint Research Agreement State: Government Interest Assignment Country: The Netherlands Zip: NL - 5504 DR Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes X No 4. Application or patent number(s): X This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) To Be Assigned Additional numbers attached? Yes X No 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: 1 Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. **7. Total fee** (37 CFR 1.21(h) & 3.41) \$40.00 X Authorized to be charged by credit card Internal Address: 1857.2050000/DJF/TAD Authorized to be charged to deposit account Street Address: 1100 New York Avenue, N.W. **Enclosed** None required (government interest not affecting title) 8. Payment Information City: Washington a. Credit Card Last 4 Numbers 1005 State: <u>D.C.</u> Zip: 20005-3934 Expiration Date 08/2009 Phone Number: b. Deposit Account Number 19-0036 Fax Number: Authorized User Name _ Email Address: 9. Signature: 20 SEP 06 Total number of pages including cover Timothy A. Doyle, Reg. No. 51,262 sheet, attachments, and documents: 6 Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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> PATENT REEL: 018326 FRAME: 0781

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventors: (1) Stephen Roux, (2) Erik Loopstra and (3) Michael L. Nelson, hereby sell and assign to ASML Holding N.V., a corporation formed under the laws of The Netherlands, whose mailing address is De Run 6501, NL - 5504 DR Veldhoven, The Netherlands (hereafter referred to as the Assignee), his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

- (a) in the invention(s) known as Correcting Variations in the Intensity of Light Within an Illumination Field Without Distorting the Telecentricity of the Light for which application(s) for patent in the United States of America was filed on Herewith (also known as United States Application No. To Be Assigned,), in any and all applications thereon, in any and all Letters Patent(s) therefor, and
- (b) in any and all applications that claim the benefit of the patent application listed above in part (a), including non-provisional applications, continuing (continuation, divisional, or continuation-in-part) applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and
- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement 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;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventors agree to execute all papers necessary in connection with the application(s) and any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventors agree to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any non-provisional, continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant Robert Greene Sterne, Esq., Registration No. 28,912; Edward J. Kessler, Esq., Registration No. 25,688; Jorge A. Goldstein, Esq., Registration No. 29,021; David K.S. Cornwell, Esq., Registration No. 31,944; Robert W. Esmond, Esq., Registration No. 32,893; Tracy-Gene G. Durkin, Esq., Registration No. 32,831; Michael A. Cimbala, Esq., Registration No. 33,851; Michael B. Ray, Esq., Registration No. 33,997; Robert E. Sokohl, Esq., Registration No. 36,013; Eric K. Steffe, Esq., Registration No. 36,688; Michael Q. Lee, Esq., Registration No. 35,239; Steven R. Ludwig, Esq., Registration No. 36,203; John M. Covert, Esq., Registration No. 38,759; Linda E. Alcorn, Esq., Registration No. 39,588; Lawrence B. Bugaisky, Esq., Registration No. 35,086; Donald J. Featherstone, Esq., Registration No. 33,876; Robert C. Millonig, Esq., Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; Patrick E. Garrett, Esq., Registration No. 39,987; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Washington, D.C. 20005-3934, power to insert in this assignment any further identification that 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, executed by the undersigned inventors on the date opposite his/her name.

Page 1 of 2

PATENT REEL: 018326 FRAME: 0782

Date: Oct 8th, 2004	Signature of Inventor: Stephen Roux
Date:	Signature of Inventor:
Date: Of 574 2004	Signature of Inventor: Michael I. Neton

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ASSIGNMENT

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- (c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement 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;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

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IN WITNESS WHEREOF, executed by the undersigned inventors on the date opposite his/her name.

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PATENT REEL: 018326 FRAME: 0784

Signature of Inventor:
Signature of Inventor: Brik Loopstra
Signature of Inventor: Michael L. Nelson

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