Form PTO-1595 U.S. Department of Commerce (Rev. 03/01) Patent and Trademark Office OMB No. 0651-0027 (exp. 5/31/2002) 1857.0830000 102475945 To the Honorable Commissioner of Patents and Trademarks. 1. Name of conveying party(ies): 6.11.03 2. Name and address of receiving party(ies): ASML Holding N.V. Name: Ronald A. WILKLOW Internal Address: Additional name(s) of conveying party(ies) attached? □ yes ⊠ no De Run 1110 Street Address: 5503 LA Veldhoven 3. Nature of Conveyance: City: Zip Code: State: ■ Assignment □ Merger □ Security Agreement □ Change of Name The Netherlands Country: Other _ Additional name(s) & address(es) attached? □ yes ⋈ no Execution Date: June 9, 2003 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 6/9/03 A. Patent Application No(s). B. Patent No(s). Additional numbers attached? ⊠ no 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: Sterne, Kessler, Goldstein & Fox P.L.L.C. 7. Total fee (37 C.F.R. § 3.41)......\$ 40.00 Internal Address: c/o Donald J. Featherstone ☐ Enclosed 6/12/2003 HD#MESS1 00000039 10458629 A Charge: PTO-2038 Credit Card Form Enclosed 40.00 0 ☐ Authorized to be charged to Deposit Account Street Address: 1100 New York Ave., N.W. 8. Deposit Account Number: City: Washington State: D.C. Zip Code: 20005-3934 19-0036 (Attach duplicate copy of this page if paying by deposit account) 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. Donald J. Featherstone Name of Person Signing Registration No. 33,876 Total number of pages including cover sheet, attachments and document ___ 3 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

ODMA\MHODMA\SKGF_DCI;143793;1 SKGF Rev. 3/7/03 mac

01 FC:8021

PATENT REEL: 014170 FRAME: 0151

Docket Number: 1857.0830000/DJF/GSB

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) Ronald A. Wilklow, the undersigned inventor hereby sells and assigns to ASML Holding N.V. (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:

check applicable box(es)

RECORDED: 06/11/2003

 in for the United States of America (as defined in 35 U.S.C. § 100),

 and throughout the world,

- (a) in the invention known as <u>Ultraviolet Polarization Beam Splitter With Minimum Apodization</u> for which application for patent in the United States of America have been executed by the undersigned on 1) ______ (also known as United States Application No. <u>To Be Assigned</u>, filed <u>Herewith</u>), 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 continuing 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 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 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.

PATENT REEL: 014170 FRAME: 0152