ASML HOLDING NV Form SC 13G/A December 10, 2004

> UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

> > SCHEDULE 13G

Under the Securities Exchange Act of 1934

(Amendment No. 1)*

ASM Lithography Holding NV (Name of Issuer)

Ordinary Shares (Title of Class of Securities)

> 5949368 (CUSIP Number)

November 30, 2004 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed: [X] Rule 13d-1(b) [] Rule 13d-1(c) [] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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| CUSIP | : 59493 | 68 | | Page 1 d | of ' |
|-------------|--|-------|--|----------|------|
| | NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Capital Research and Management Company 95-1411037 | | | | |
| 2 | CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) | | | (a) | |
| 3 | SEC USE ONLY | | (b) | | |
| 4 | CITIZEN | SHIP | OR PLACE OF ORGANIZATION | | |
| | Delaware | | | | |
| | | 5 | SOLE VOTING POWER | | |
| | | | NONE | | |
| | | 6 | SHARED VOTING POWER | | |
| SH BENEF | SER OF NARES NICIALL | | NONE | | |
| | EACH ORTING ERSON ITH: | 7 | SOLE DISPOSITIVE POWER | | |
| REPO PE | | | 50,571,680 | | |
| | | 8 | SHARED DISPOSITIVE POWER | | |
| | | | NONE | | |
| 9 | AGGREGA | TE AN | MOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSO | N | |
| | 50,571, | 680 | Beneficial ownership disclaimed pursuant to | Rule 13d | d-4 |

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

10.3%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IA

CUSIP: 5949368 Page 2 of 7 1 NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) SMALLCAP World Fund, Inc. 95-4253845 2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) (b) 3 SEC USE ONLY 4 CITIZENSHIP OR PLACE OF ORGANIZATION Maryland 5 SOLE VOTING POWER NONE 6 SHARED VOTING POWER NUMBER OF SHARES NONE BENEFICIALL Y OWNED BY 7 SOLE DISPOSITIVE POWER EACH NONE REPORTING PERSON WITH: 8 SHARED DISPOSITIVE POWER NONE AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9 NONE

- 10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
- 11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0.0%

12 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

IV

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SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

Schedule 13G Under the Securities Exchange Act of 1934

Amendment No. 1

- Item 1(a) Name of Issuer: ASM Lithography Holding NV
- Item 1(b) Address of Issuer's Principal Executive Offices: De Run 6501 5504 DR Veldhoven The Netherlands
- Item 2(a) Name of Person(s) Filing: Capital Research and Management Company and SMALLCAP World Fund, Inc.
- Item 2(b) Address of Principal Business Office or, if none, Residence: 333 South Hope Street Los Angeles, CA 90071
- Item 2(c) Citizenship: N/A
- Item 2(d) Title of Class of Securities: Ordinary Shares
- Item 2(e) CUSIP Number: 5949368
- Item 3 If this statement is filed pursuant to sections 240.13d-1(b)
 or 240.13d-2(b) or (c), check whether the person filing is a:
 (e) [X] An investment adviser in accordance with
 section 240.13d-1(b)(1)(ii)(E).

Item 4 Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

See pages 2 and 3

- (a) Amount beneficially owned:
- (b) Percent of class:
- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote:

(ii) Shared power to vote or to direct the vote:

(iii) Sole power to dispose or to direct the disposition of:

(iv) Shared power to dispose or to direct the disposition of:

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Capital Research and Management Company, an investment adviser registered under Section 203 of the Investment Advisers Act of 1940 is deemed to be the beneficial owner of 50,571,680 shares or 10.3% of the 483,620,805 shares of Ordinary Shares believed to be outstanding as a result of acting as investment adviser to various investment companies registered under Section 8 of the Investment Company Act of 1940.

SMALLCAP World Fund, Inc., an investment company registered under the Investment Company Act of 1940, which is advised by Capital Research and Management Company, is the beneficial owner of NONE shares or 0.0% of the 483,620,805 shares of Ordinary Shares believed to be outstanding.

Shares reported by Capital Research and Management Company, include 3,081,460 shares resulting from the assumed conversion of 57,500,000 principal amount of the 5.75% Convertible Corporate Bond maturing 10-15-06.

Shares reported by Capital Research and Management Company, include 3,076,920 shares resulting from the assumed conversion of 44,000,000 principal amount of the 5.50% Convertible Corporate Bond maturing 05-15-10.

- Item 5 Ownership of Five Percent or Less of a Class. If this
 statement is being filed to report the fact that as of the date
 hereof the reporting person has ceased to be the beneficial
 owner of more than five percent of the class of securities,
 check the following: []
- Item 6 $$\operatorname{Ownership}$ of More than Five Percent on Behalf of Another Person: N/A
- Item 7 Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.: N/A
- Item 8 $$\rm Identification$ and Classification of Members of the Group: $$\rm N/A$$

Item 9 Notice of Dissolution of Group: N/A

Item 10 Certification

By signing below, I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not

acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: December 10, 2004

Signature: *Paul G. Haaga, Jr. Name/Title: Paul G. Haaga, Jr., Executive Vice President Capital Research and Management Company

Date: December 10, 2004

Signature: *Chad L. Norton Name/Title: Chad L. Norton, Secretary SMALLCAP World Fund, Inc.

*By /s/ James P. Ryan James P. Ryan Attorney-in-fact

> Signed pursuant to a Power of Attorney dated January 14, 2004 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by Capital Research and Management Company on February 6, 2004 with respect to Air Products and Chemicals, Incorporated.

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AGREEMENT

Los Angeles, CA December 10, 2004

Capital Research and Management Company ("CRMC") and SMALLCAP World Fund, Inc. ("SCWF") hereby agree to file a joint statement on Schedule 13G under the Securities Exchange Act of 1934 (the "Act") in connection with their beneficial ownership of Ordinary Shares issued by ASM Lithography Holding NV.

CRMC and SCWF state that they are each entitled to individually use Schedule 13G pursuant to Rule 13d-1(c) of the Act.

CRMC and SCWF are each responsible for the timely filing of the statement and any amendments thereto, and for the completeness and accuracy of the information concerning each of them contained therein but are not responsible for the completeness or accuracy of the information concerning the others.

CAPITAL RESEARCH AND MANAGEMENT COMPANY

BY:

*Paul G. Haaga, Jr. Paul G. Haaga, Jr., Executive Vice President Capital Research and Management Company

SMALLCAP WORLD FUND, INC.

BY:

*Chad L. Norton Chad L. Norton, Secretary SMALLCAP World Fund, Inc.

*By /s/ James P. Ryan James P. Ryan Attorney-in-fact

Signed pursuant to a Power of Attorney dated January 14, 2004 included as an Exhibit to Schedule 13G filed with the Securities and Exchange Commission by Capital Research and Management Company on February 6, 2004 with respect to Air Products and Chemicals, Incorporated.

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