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1. Name of conveying party(ies):
James A. Carmichael

Additional names(s) of conveying party(ies) Yes No

2. Name and address of receiving party(ies):

Name: Cymer, Inc.

Address: Legal Dept., MS/4-2C
17075 Thornmint Court

City: San Diego State/Prov.: CA

Country: US ZIP: 92127

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

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: 1/21/2005

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Patent Application No.	Filing date	B. Patent No.(s)
<u>10/356,168</u>	<u>January 31, 2003</u>	

Additional numbers Yes No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:
03-4060

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

Name: William C. Cray

Registration No.: 27,627


Address: Cymer, Inc.
Legal Dept., MS/4-2C
17075 Thornmint Court

City: San Diego State/Prov.: CA

Country: US ZIP: 92127

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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.

William C. Cray  February 3, 2005

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and

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17075 Thornmint Court
San Diego, CA 92127

PATENT APPLICATION

Attorney Docket No. 2003-0001-01

ASSIGNMENT OF PATENT APPLICATION

We; John A. Rule, Thomas Hofmann, Richard G. Morton, Daniel J. W. Brown, Vladimir B. Fleurov, Fedor Trintchouk, Toshihiko Ishihara, Alexander I. Ershov, Christian J. Wittak and James A. Carmichael, the undersigned, have agreed and hereby agree to assign to CYMER, Inc., a Nevada corporation having its principal place of business in San Diego, California (hereinafter CYMER), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to CYMER, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our invention for

AUTOMATIC GAS CONTROL SYSTEM FOR A GAS DISCHARGE LASER

as described and/or claimed in our application for Letters Patent of the United States of America, filed on January 31, 2003 as USSN 10/356,168 and described and/or claimed in any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor, and any reissues, or re-examinations, or extensions of said Letters Patent.

We additionally authorize CYMER to file applications in our name for Letters Patent in any country, to be held and enjoyed by CYMER, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to CYMER, its successors, assigns, nominees or legal representatives, and we agree to communicate to CYMER, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid CYMER, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by CYMER;

AND we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to CYMER, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

Dated: _____

John A. Rule

Dated: _____

Thomas Hofmann

Dated: _____

Richard G. Morton

Dated: _____

Daniel J. W. Brown

Dated: _____

Vladimir B. Fleurov

Dated: _____

Fedor Trintchouk

Dated: _____

Toshihiko Ishihara

Dated: _____

Alexander I. Ershov

Dated: _____

Christian J. Wittak

Dated: 1-21-05


James A. Carmichael

PATENT