

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
2005-0044-01

Total Pages in this Submission  
(see postcard)

18351 U.S. PTO  
062905

## COMMISSIONER FOR PATENTS

P.O. Box 1450  
Alexandria, VA 22313-1450

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**LPP EUV LIGHT SOURCE DRIVE LASER SYSTEM**

113261 U.S. PTO  
11/17/2005

and invented by:

Alexander I. Ershov, Alexander N. Bykanov, Oleh Khodykin, and Igor V. Fomenkov

If a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

### Application Elements

1.  Filing fee as calculated and transmitted as described below
2.  Specification having 26 pages and including the following:
  - a.  Descriptive Title of the Invention
  - b.  Cross References to Related Applications (if applicable)
  - c.  Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d.  Reference to Sequence Listing, a Table, or a Computer Program Listing Appendix
  - e.  Background of the Invention
  - f.  Brief Summary of the Invention
  - g.  Brief Description of the Drawings (if filed)
  - h.  Detailed Description
  - i.  Claim(s) as Classified Below
  - j.  Abstract of the Disclosure

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**Application Elements (Continued)**

3.  Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a.  Formal                      Number of Sheets \_\_\_\_\_
- b.  Informal                      Number of Sheets 4
4.  Oath or Declaration
- a.  Newly executed *(original or copy)*                       Unexecuted
- b.  Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c.  With Power of Attorney                       Without Power of Attorney
- d.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5.  Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6.  CD ROM or CD-R in duplicate, large table or Computer Program (Appendix)
7.  Application Data Sheet (See 37 CFR 1.76)
8.  Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a.  Computer Readable Form (CRF)
- b.  Specification Sequence Listing on:
- i.  CD-ROM or CD-R (2 copies); or
- ii.  Paper
- c.  Statement(s) Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

9.  Assignment Papers *(cover sheet & document(s))*
10.  37 CFR 3.73(B) Statement *(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statement/PTO-1449                       Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16.  Certificate of Mailing
- First Class     Express Mail *(Specify Label No.):* EL 994704195 US

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**Accompanying Application Parts (Continued)**

17.  Additional Enclosures *(please identify below)*:

Application Cover Sheet

**Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)**

18.  Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

**Warning**

***An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.***

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### Fee Calculation and Transmittal

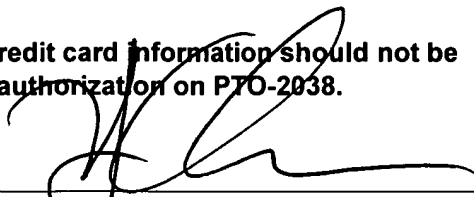
CLAIMS AS FILED						Fee
For	#Filed	#Allowed	#Extra	Rate		
Total Claims	44	- 20 =	24	x \$50.00	\$1,200.00	
Indep. Claims	3	- 3 =	0	x \$200.00	\$0.00	
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>						\$0.00
Total # of Pages in Specification		26	Total # of Drawing Sheets		4	
Total # of Sheets	30	Application Size Fee				\$0.00
						Basic Fee
						\$300.00
						Search Fee
						\$500.00
						Examination Fee
						\$200.00
OTHER FEE (specify purpose)						\$0.00
<b>TOTAL FILING FEE</b>						<b>\$2,200.00</b>

**\*\*THE \$2,200.00 FILING FEE WILL BE PAID WITH THE RESPONSE TO THE NOTICE TO FILE MISSING PARTS.\*\***

- A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- The Director is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below.
  - Charge the amount of \_\_\_\_\_ as filing fee.
  - Credit any overpayment.
  - Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
  - Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Payment by credit card. Form PTO-2038 is attached.

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

  
 \_\_\_\_\_  
*Signature*  
 William C. Cray, Reg. No. 27,627  
 Cymer, Inc.  
 Customer No. 21773

Dated: June 29, 2005

Customer Number: 21773

cc:

Patent Application

**LPP EUV LIGHT SOURCE DRIVE LASER SYSTEM**

Inventors

Alexander I. Ershov  
Alexander N. Bykanov  
Oleh Khodykin  
Igor V. Fomenkov

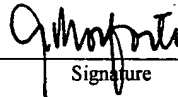
CYMER, Inc.  
Legal Dept., MS/4-2C  
17075 Thornmint Court  
San Diego, CA 92127-2413

"Express Mail" Label Number #EL 994704195 US  
Date of Deposit June 29, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" services under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Annabeth Monforte

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Signature

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