

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>CHRISTOPHER C CHROBAK</td> <td>12/20/2013</td> </tr> <tr> <td>WILLIAM N PARTLO</td> <td>12/19/2013</td> </tr> <tr> <td>IGOR V FOMENKOV</td> <td>12/18/2013</td> </tr> <tr> <td>ALEXANDER I ERSHOV</td> <td>12/20/2013</td> </tr> <tr> <td>JAMES H CROUCH</td> <td>12/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	CHRISTOPHER C CHROBAK	12/20/2013	WILLIAM N PARTLO	12/19/2013	IGOR V FOMENKOV	12/18/2013	ALEXANDER I ERSHOV	12/20/2013	JAMES H CROUCH	12/18/2013
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<table border="1"> <tr> <td>Name:</td> <td>CYMER, LLC</td> </tr> <tr> <td>Street Address:</td> <td>17075 THORNMINT COURT</td> </tr> <tr> <td>City:</td> <td>SAN DIEGO</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>92127</td> </tr> </table>		Name:	CYMER, LLC	Street Address:	17075 THORNMINT COURT	City:	SAN DIEGO	State/Country:	CALIFORNIA	Postal Code:	92127		
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CORRESPONDENCE DATA													
Fax Number:	(408)749-6901												
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
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ATTORNEY DOCKET NUMBER:	CYMRP014.DIV1												
NAME OF SUBMITTER:	GEORGE B. LEAVELL, ESQ.												

CH \$40.00 14109873

Signature:	/George B. Leavell/
Date:	12/23/2013
<b>Total Attachments: 5</b> source=CYMRP014DIV1_AssignmentsEfile122313#page1.tif source=CYMRP014DIV1_AssignmentsEfile122313#page2.tif source=CYMRP014DIV1_AssignmentsEfile122313#page3.tif source=CYMRP014DIV1_AssignmentsEfile122313#page4.tif source=CYMRP014DIV1_AssignmentsEfile122313#page5.tif	

## ASSIGNMENT OF PATENT APPLICATION

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:


### SYSTEM, METHOD AND APPARATUS FOR ALIGNING AND SYNCHRONIZING TARGET MATERIAL FOR OPTIMUM EXTREME ULTRAVIOLET LIGHT OUTPUT

(Atty. Docket No. CYMRP014.DIV1) for which we have executed Application No. 14/109,873, filed December 17, 2013 for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to Cymer, LLC, a Delaware corporation having a place of business at 17075 Thornmint Court, San Diego, CA 92127 U.S.A. (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

- 1) Signature:  Date: 12/20/13  
Typed Name: Christopher C. Chrobak
- 2) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: William N. Partlo

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- 3) Signature: Igor V. Fomenkov Date: 12/18/2013  
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Date: 19 Dec 2013