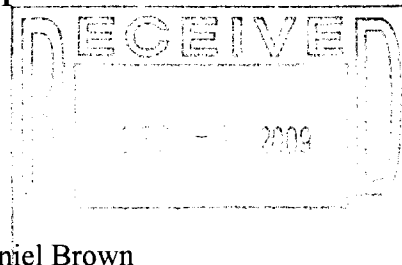


12-08-2009



VER SHEET



To: Honorable Comm.

103582807

Please record the attached original document or copy thereof.

1. Names of conveying parties:
- a) Hong Ye b) Alex Ershov c) Rajasekhar Rao d) Daniel Brown
 - e) Slava Rokitski f) Rong (Lauren) Liu g) Ray Cybulski h) James J. Ferrell
 - i) Robert Bergstedt j) John Viatella k) Thomas P. Duffey

2. Name and address of receiving party:
- a) Name: CYMER, INC.
 - b) Address: 17075 Thornmint Court,
San Diego, California 92127

3. Nature of conveyance
- | | |
|--|--|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> License Agreement |

Execution Dates: a) October 9, 2009 b) September 24, 2009 c) September 24, 2009
d) November 16, 2009 e) October 2, 2009 f) December 2, 2009 g) September 28,
2009 h) September 25, 2009 i) September 25, 2009 j) September 24, 2009 k)
September 28, 2009

4. Application Number: 12/577,077

The title of the new application is: **Very High Power Laser Chamber Optical Improvements**

5. Please send all correspondence concerning this document to:

George B. Leavell, Esq.
MARTINE PENILLA & GENCARELLA, LLP
710 Lakeway Drive, Suite 200
Sunnyvale, CA 94085
Customer No. 85523
Tel. No. (408) 774-6923
Fax No.: (408) 749-6901

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
☒ Any deficiency is authorized to be charged to Deposit Account No. 50-0805
(Order No. CYMRP010)

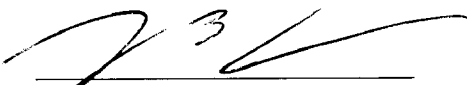
12/08/2009 DBYRNE 00000007 12577077

01-FC-8021

40.00 DP

8. 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.

Date: December 3, 2009


George B. Leavell, Esq.
Registration No. 45,436

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

Very High Power Laser Chamber Optical Improvements

(Atty. Attorney Docket No. CYMRP011/2007-0048-03) for which we have executed an application 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, INC., a California corporation having a place of business at 17075 Thornmint Court, San Diego, California U.S. (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and invention 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 Patent 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 act 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: 
Typed Name: Hong Ye

Date: 10/9/12

2) Signature: _____
Typed Name: Alex Ershov

Date: _____

3) Signature: _____
Typed Name: Rajasekhar Rao

Date: _____

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

Very High Power Laser Chamber Optical Improvements

(Atty. Attorney Docket No. CYMRP011/2007-0348-03) for which we have executed an application 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, INC., a California corporation having a place of business at 17075 Thermant Court, San Diego, California U.S. (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 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) thereto 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.
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- 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: _____
Typed Name: Hong Ye | Date: _____ |
| 2) | Signature: <u>Alex Ershov</u>
Typed Name: Alex Ershov | Date: <u>9/24/09.</u> |
| 3) | Signature: _____
Typed Name: Rajasekhar Rao | Date: _____ |

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

Very High Power Laser Chamber Optical Improvements


(Atty. Attorney Docket No. CYMRP011/2007-0048-03) for which we have executed an application for a United States Letters Patent.

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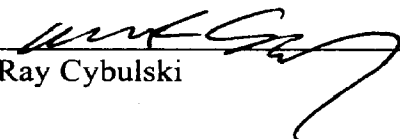
Signed on the dates indicated beside our signatures.


- 1) Signature: _____ Date: _____
Typed Name: Hong Ye
- 2) Signature: _____ Date: _____
Typed Name: Alex Ershov
- 3) Signature: Rajasekhar Rao Date: 9/24/09
Typed Name: Rajasekhar Rao

- 4) Signature:  Date: 11/16/09
Typed Name: Daniel Brown
- 5) Signature: _____ Date: _____
Typed Name: Slava Rokitski
- 6) Signature: _____ Date: _____
Typed Name: Lauren Liu
- 7) Signature: _____ Date: _____
Typed Name: Ray Cybulski
- 8) Signature: _____ Date: _____
Typed Name: James J. Ferrell
- 9) Signature: _____ Date: _____
Typed Name: Robert Bergstedt
- 10) Signature: _____ Date: _____
Typed Name: John Viatella
- 11) Signature: _____ Date: _____
Typed Name: Thomas Duffey

- 4) Signature: _____ Date: _____
Typed Name: Daniel Brown
- 5) Signature: P. Rokitski Date: 10/02/2009
Typed Name: Slava Rokitski
- 6) Signature: _____ Date: _____
Typed Name: Lauren Liu
- 7) Signature: _____ Date: _____
Typed Name: Ray Cybulski
- 8) Signature: _____ Date: _____
Typed Name: James J. Ferrell
- 9) Signature: _____ Date: _____
Typed Name: Robert Bergstedt
- 10) Signature: _____ Date: _____
Typed Name: John Viatella
- 11) Signature: _____ Date: _____
Typed Name: Thomas Duffey

- 4) Signature: _____ Date: _____
Typed Name: Daniel Brown
- 5) Signature: _____ Date: _____
Typed Name: Slava Rokitski
- 6) Signature:  Date: 12/02/2009
Typed Name: Rong (Lauren) Lin
- 7) Signature: _____ Date: _____
Typed Name: Ray Cybulski
- 8) Signature: _____ Date: _____
Typed Name: James J. Ferrell
- 9) Signature: _____ Date: _____
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- 10) Signature: _____ Date: _____
Typed Name: John Viatella
- 11) Signature: _____ Date: _____
Typed Name: Thomas Duffey

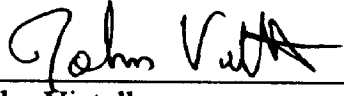
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- 5) Signature: _____ Date: _____
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- 6) Signature: _____ Date: _____
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- 7) Signature:  _____ Date: 9-28-09
Typed Name: Ray Cybulski
- 8) Signature: _____ Date: _____
Typed Name: James J. Ferrell
- 9) Signature: _____ Date: _____
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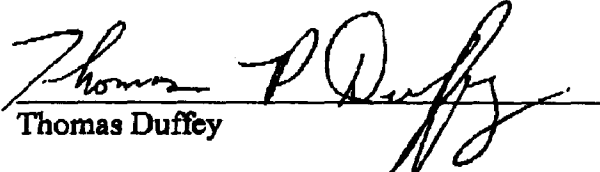
- 4) Signature: _____ Date: _____
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Typed Name: Slava Rokitski
- 6) Signature: _____ Date: _____
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- 8) Signature:  Date: 9-25-09
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- 4) Signature: _____ Date: _____
Typed Name: Daniel Brown
- 5) Signature: _____ Date: _____
Typed Name: Slava Rokitski
- 6) Signature: _____ Date: PATENT
Typed Name: Lauren Liu

- 4) Signature: _____ Date: _____
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