# 503352727 06/16/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3399348

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
SILVIA DE DEA	06/08/2015
ALEXANDER I. ERSHOV	06/05/2015
GREGORY WILSON	06/16/2015
BRANDON VERHOFF	06/10/2015
BRUNO M. LA FONTAINE	06/10/2015

## **RECEIVING PARTY DATA**

Name:	ASML NETHERLANDS B.V.
Street Address:	PO BOX 324
City:	VELDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5500 AH

# **PROPERTY NUMBERS Total: 1**

Property Type	Number				
Application Number:	14740916				

# **CORRESPONDENCE DATA**

**Fax Number:** (412)872-9828

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 7037650030

**Email:** docketing@dmipgroup.com

Correspondent Name: DIBERARDINO MCGOVERN IP GROUP LLC

Address Line 1: PO BOX 7126

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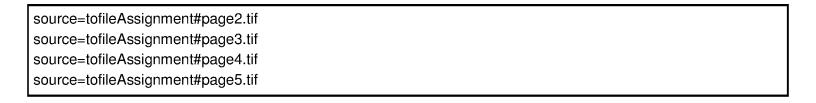
ATTORNEY DOCKET NUMBER:	2013P00207US02/002-120001	
NAME OF SUBMITTER:	EDEN STRIGHT	
SIGNATURE:	/Eden Stright/	
DATE SIGNED:	06/16/2015	

**Total Attachments: 5** 

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PATENT REEL: 035921 FRAME: 0588

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PATENT REEL: 035921 FRAME: 0589

We, Silvia De Dea, Alexander I. Ershov, Gregory Wilson, Brandon Verhoff, and Bruno M. La Fontaine, the undersigned, (herein "Assignor") have agreed and hereby agree to assign to ASML Netherlands B.V., a Dutch corporation (hereinafter ASML), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to ASML, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our inventions that are disclosed in:

The application for the United States patent entitled:

#### TRANSPORT SYSTEM FOR AN EXTREME ULTRAVIOLET LIGHT SOURCE

(I hereby authorize and request an attorney associated with Customer Number <u>86823</u> to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on  $\underline{June\ 16,\ 2015}$  as United States Application No.  $\underline{14/740,916}$  , and

and as described and/or claimed in any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for, or any other U.S. application claiming priority to, said application for said Letters Patent, and any and all Letters Patent of the United States and Letters Patent or related rights of inventors, of countries foreign thereto which may be granted thereon or therefore, or any foreign application claiming priority to said application, and any reissues, or re-examinations, or extensions of said Letters Patent and all rights granted under the Hague Convention, the Paris Convention for the Protection of Industrial Property and the Patent Cooperation Treaty.

We additionally authorize ASML to file applications in our names for Letters Patent in any country, the rights to any of the foregoing to be held and enjoyed by ASML, for its own use and behalf, and for the use and behalf of 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 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 ASML, its successors, assigns, nominees or legal representatives, and we agree to communicate to ASML, 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 ASML, 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 in lending such cooperation and assistance are paid by ASML;

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 ASML, 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: 6/8/-8/5	The De Jour
	Silvia De Dea
Dated:	Alexander I. Ershov
Dated:	
	Gregory Wilson
Dated:	Brandon Verhoff
Dated:	Bruno M. La Fontaine
	Brino M. La Fontaine

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We, Silvia De Dea, Alexander I. Ershov, Gregory Wilson, Brandon Verhoff, and Bruno M. La Fontaine, the undersigned, (herein "Assignor") have agreed and hereby agree to assign to ASML Netherlands B.V., a Dutch corporation (hereinafter ASML), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to ASML, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our inventions that are disclosed in:

The application for the United States patent entitled:

Dated: \_\_\_

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(I hereby authorize and request an attorney associated below, the filing date and application number of said a	ated with Customer Number <u>86823</u> to insert on the designated lines application when known.)
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foregoing to be held and enjoyed by ASML, for its own use and or legal representatives, to the full end of the term or terms for	n our names for Letters Patent in any country, the rights to any of the behalf, and for the use and behalf of its successors, assigns, nominees or which said Letters Patent respectively may be granted, reissued or n held and enjoyed by me had this assignment, sale and transfer not
and will not execute any agreement in conflict herewith, and we and without undue delay, execute and deliver all such papers a or improvement(s), said application and said Letters Patent, I and we agree to communicate to ASML, or to its nominee, application and said Letters Patent, to testify in any legal pridivisionals, continuations, C-I-Ps, reissue and foreign application possible to aid ASML, its successors, assigns, nor	nvey the entire interest herein assigned, and that we have not executed a further covenant and agree that we will, each time a request is made, as may be necessary or desirable to perfect the title to said invention(s) to ASML, its successors, assigns, nominees or legal representatives, all known facts respecting said invention(s) or improvement(s), said roceedings, to sign all lawful papers, to execute all disclaimers and tions, to make all rightful oaths and declarations, and generally to do ninees and legal representatives to obtain and enforce, for its or their improvement(s) in any and all countries provided the expenses which lance are paid by ASML;
of any country or countries foreign to the United States whose ASML, as assignee of the entire right, title and interest, any a	ioner of Patents and Trademarks of the United States and any official se duty it is to issue patents on applications as aforesaid, to issue to nd all Letters Patent for said invention(s) or improvement(s), including a issued and granted on or as a result of the application aforesaid, in
Dated:	Silvia De Dea
Dated: 6/5/2015	Alexander I Ershor
Dated:	Gregory Wilson
Dated:	Brandon Verhoff

PATENT REEL: 035921 FRAME: 0591

Bruno M. La Fontaine

We, Silvia De Dea, Alexander I. Ershov, Gregory Wilson, Brandon Verholf, and Bruno M. La Fontaine, the undersigned, (herein "Assignor") have agreed and hereby agree to assign to ASML. Netherlands B.V., a Dutch corporation (hereinafter ASML), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to ASML, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our inventions that are disclosed in:

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below, the	e filing date	e and appli	cation	ı number	of said appli	catio	n when kn	own.)					_		

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AND we hereby covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and with 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 detay, 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 ASML, its successors, assigns, nominees or legal representatives, and we agree to communicate to ASML, 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-1-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid ASML, 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 in lending such cooperation and assistance are paid by ASML.

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 ASML, 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:		Silvia De Dea
Dated:		Alexander I. Ershov 8
Dated:	6/4/5	Gregory Wyson
Dated:		Brandon Verholf
Dated:	000000000000000000000000000000000000000	Eruno M. La Fontaine

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We, Silvia De Dea, Alexander I. Ershov, Gregory Wilson, Brandon Verhoff, and Bruno M. La Fontaine, the undersigned (herein "Assignor") have agreed and hereby agree to assign to ASML Netherlands 8 V. a Dutch corporation (hereinafter ASML), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to ASML, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our inventions that are disclosed in

The application for the United States patent entitled

Dated \_\_

TRANSPORT SYSTEM FOR AN EXTREME ULTRA	AVIOLET LIGHT SOURCE
(I hereby authorize and request an attorney associated with Customer below, the filing date and application number of said application when kr	nown.)
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Daled Silvia De Dea	
Dated Alexander ( Ersh	QV
DatedWison	4.1.11
Datest 6/10/15	ENOL!

Erandon Verhon

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Bruno M. La Fontaine

PATENT REEL: 035921 FRAME: 0593

We, Silvia De Dea, Alexander I. Ershov, Gregory Wilson, Brandon Verhoff, and Bruno M. La Fontaine, the undersigned, (herein "Assignor") have agreed and hereby agree to assign to ASML Netherlands B.V., a Dutch corporation (hereinafter ASML), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to ASML, its successors and assigns, the entire right, title and interest, including the right of priority, in and to our inventions that are disclosed in:

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TRANSPORT SYSTEM FOR	AN EXTREME ULTRAVIOLET LIGHT SOURCE
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Muri Mas inag Au	as ornica orales Apparation no. 1117 103210, and
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Dated:	Silvia De Dea
Dated:	Alexander I. Ershov
Dated:	Gregory Wilson
Dated:	Brandon Verholf

**PATENT** REEL: 035921 FRAME: 0594

RECORDED: 06/16/2015

Dated: \_\_\_\_\_, 2015