

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4610668

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DONIS G. FLAGELLO	09/22/2017
DAVID M. WILLIAMSON	09/20/2017
STEPHEN P. RENWICK	09/20/2017
DANIEL GENE SMITH	09/20/2017
MICHAEL B. BINNARD	09/20/2017
RECEIVING PARTY DATA	
Name:	NIKON CORPORATION
Street Address:	SHINAGAWA INTERCITY TOWER C
Internal Address:	2-15-3, KONAN, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	108-6290
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15599148
CORRESPONDENCE DATA	
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<i>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.</i>	
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Correspondent Name:	QUARLES & BRADY LLP
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ATTORNEY DOCKET NUMBER:	152833.00107
NAME OF SUBMITTER:	YAKOV S. SIDORIN
SIGNATURE:	/Yakov S. Sidorin/
DATE SIGNED:	09/25/2017
Total Attachments: 4	

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ASSIGNMENT

ASSIGNOR(S): Donis G. Flagello
David M. Williamson
Stephen P. Renwick
Daniel Gene Smith
Michael B. Binnard

ASSIGNEE: Nikon Corporation
Shinagawa Intercity Tower C
2-15-3, Konan, Minato-ku
Tokyo 108-6290
JAPAN

TITLE: EUV LITHOGRAPHY SYSTEM FOR DENSE
LINE PATTERNING

ATTORNEY DOCKET NO.: 152833.00107/PA1681A

APPLICATION NO.: 15/599,148
FILING DATE: May 18, 2017

Assignors are the co-inventors of a certain new and useful invention (the "Invention") described in a United States patent application (the "Application") bearing the attorney docket number and title listed above. The application number assigned by the USPTO and filing date of the invention are as shown. If the Application number and filing date are not indicated above, the undersigned hereby authorizes the appointed attorney to add the filing date and serial number of said Application to this document.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of such Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including as a divisional, continuation-in-whole or continuation-in-part, or as an application claiming priority from a provisional application); or any application based in whole or in part on any of the foregoing.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to such Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to the Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: _____

Donis G. Flagello

Date: 9/20/17

David M. Williamson
David M. Williamson

Date: _____

Stephen P. Renwick

Date: 9/20/17

Daniel Gene Smith
Daniel Gene Smith

Date: _____

Michael B. Binnard

ASSIGNMENT

ASSIGNOR(S): Donis G. Flagello
David M. Williamson
Stephen P. Renwick
Daniel Gene Smith
Michael B. Binnard

ASSIGNEE: Nikon Corporation
Shinagawa Intercity Tower C
2-15-3, Konan, Minato-ku
Tokyo 108-6290
JAPN

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Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to such Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to the Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set forth below.

Date: 22 Sept. 2017

Donis G. Flagello
Donis G. Flagello

Date: _____

David M. Williamson

Date: 20 Sep 17

Stephen P. Renwick
Stephen P. Renwick

Date: _____

Daniel Gene Smith

Date: 20 Sep 17

Michael B. Binnard
Michael B. Binnard