

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5471229

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT SOCHA	08/18/2004
RECEIVING PARTY DATA	
Name:	ASML MASKTOOLS B.V.
Street Address:	P.O. BOX 324
City:	VELDHOVEN
State/Country:	NETHERLANDS
Postal Code:	5500 AH
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14281539
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	081468-0432023
NAME OF SUBMITTER:	MIRIAM NELSEN AWAN
SIGNATURE:	/MIRIAM NELSEN AWAN/
DATE SIGNED:	04/12/2019
Total Attachments: 1	
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Docket No.: 55071-351

ASSIGNMENT

WHEREAS I, Robert SOCHA of Campbell, CA, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **SOURCE AND MASK OPTIMIZATION**, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on March 31, 2004, and identified by United States Serial No. 10/813,626;

AND WHEREAS, ASML MASKTOOLS B.V., a corporation organized and existing under the laws of The Netherlands, having an address of P.O. Box 324, 5500 AH Veldhoven, The Netherlands is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto ASML MASKTOOLS B.V., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

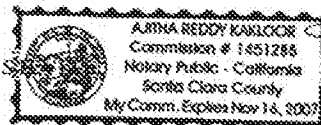
AND I request the Commissioner for Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said ASML MASKTOOLS B.V., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

August 18 2004
Date

Robert Socha
Signature

STATE OF California
COUNTY OF Santa Clara

On this 18 day of August, 2004, before me personally appeared Robert SOCHA, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Artha Reddy Karlock
Notary Public

My commission expires 16 November 2007

RECORDED: 08/31/2004

PATENT
REEL: 015744 FRAME: 0583