

PATENT ASSIGNMENT

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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>ADAM NORTON</td><td>02/05/2009</td></tr><tr><td>HOLGER TUITJE</td><td>02/06/2009</td></tr><tr><td>FRED STANKE</td><td>02/09/2009</td></tr></tbody></table>	Name	Execution Date	ADAM NORTON	02/05/2009	HOLGER TUITJE	02/06/2009	FRED STANKE	02/09/2009	
Name	Execution Date								
ADAM NORTON	02/05/2009								
HOLGER TUITJE	02/06/2009								
FRED STANKE	02/09/2009								
RECEIVING PARTY DATA									
Name:	TOKYO ELECTRON LIMITED								
Street Address:	AKASAKA BIZ TOWER, 3-1 AKASAKA 5-CHOME, MINATO-KU								
City:	TOKYO								
State/Country:	JAPAN								
Postal Code:	107-6325								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12369905</td></tr></tbody></table>	Property Type	Number	Application Number:	12369905					
Property Type	Number								
Application Number:	12369905								
CORRESPONDENCE DATA									
Fax Number:	(480)539-2100								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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ATTORNEY DOCKET NUMBER:	TTI-214								
NAME OF SUBMITTER:	Andrej Mitrovic								
Total Attachments: 3 source=Assignment#page1.tif									

CH 12369905 \$40.00

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PATENT
REEL: 022249 FRAME: 0507

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source=Assignment#page3.tif

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Adam Norton**, hereby assign to **Tokyo Electron Limited**, a Corporation of Japan and having a place of business at **Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan**, and its successors and assigns (collectively hereinafter called "the Assignee"), my entire right, title and interest throughout the world in the inventions and improvements which are subject of an application of United States Patent entitled **DIFFRACTION ORDER SORTING FILTER FOR OPTICAL METROLOGY**, and filed on 2-12-09 as Patent Application No. 12/369905 preparatory to obtaining Letters Patent of the United States therefore, this assignment including said application, any continuation, division or continuation-in-part thereof and/or substituted therefore, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment. **I hereby authorize and request that any one of the attorneys or agents of Tokyo Electron U.S. Holdings, 2400 Grove Boulevard, Austin, Texas 78741, to insert herein the filing date and application serial number of said application when known.**

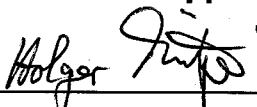
Inventor's Signature: Adam Norton Date: Feb. 5, 2009

Full Name: Adam Norton

Residence: 3696 Ross Road, Palo Alto CA 94303

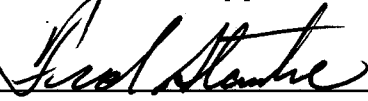
ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Holger Tuitje**, hereby assign to **Tokyo Electron Limited**, a **Corporation of Japan** and having a place of business at **Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan**, and its successors and assigns (collectively hereinafter called "the Assignee"), my entire right, title and interest throughout the world in the inventions and improvements which are subject of an application of United States Patent entitled **DIFFRACTION ORDER SORTING FILTER FOR OPTICAL METROLOGY**, and filed on **2-12-09** as Patent Application No. **12/369905** preparatory to obtaining Letters Patent of the United States therefore, this assignment including said application, any continuation, division or continuation-in-part thereof and/or substituted therefore, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment. **I hereby authorize and request that any one of the attorneys or agents of Tokyo Electron U.S. Holdings, 2400 Grove Boulevard, Austin, Texas 78741, to insert herein the filing date and application serial number of said application when known.**

Inventor's Signature:  Date: 02/06/09
Full Name: Holger Tuitje
Residence: 4970 Seneca Park Loop, Fremont, CA 94538

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **Fred Stanke**, hereby assign to **Tokyo Electron Limited**, a Corporation of Japan and having a place of business at **Akasaka Biz Tower, 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan**, and its successors and assigns (collectively hereinafter called "the Assignee"), my entire right, title and interest throughout the world in the inventions and improvements which are subject of an application of United States Patent entitled **DIFFRACTION ORDER SORTING FILTER FOR OPTICAL METROLOGY**, and filed on **2-12-09** as Patent Application No. **12/369905** preparatory to obtaining Letters Patent of the United States therefore, this assignment including said application, any continuation, division or continuation-in-part thereof and/or substituted therefore, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for myself and my heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment. I hereby authorize and request that any one of the attorneys or agents of Tokyo Electron U.S. Holdings, 2400 Grove Boulevard, Austin, Texas 78741, to insert herein the filing date and application serial number of said application when known.

Inventor's Signature:  Date: 9 Feb 2009
Full Name: Fred Stanke
Residence: 1206 Utopia Place, San Jose, CA 95127