

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XINKANG TIAN	02/11/2011
MANUEL MADRIAGA	02/11/2011
RECEIVING PARTY DATA	
Name:	Tokyo Electron Limited
Street Address:	3-1 Akasaka 5-chome Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	107-6325
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13028960
CORRESPONDENCE DATA	
Fax Number:	(480)539-2100
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(480) 539-2102
Email:	TEHIPDocket@us.tel.com
Correspondent Name:	Tokyo Electron U.S. Holdings, Inc.
Address Line 1:	4350 West Chandler Blvd.
Address Line 2:	Suite 10/11
Address Line 4:	Chandler, ARIZONA 85226
ATTORNEY DOCKET NUMBER:	TTI-231
NAME OF SUBMITTER:	Manuel Barroga Madriaga
Total Attachments: 2 source=TTI-231-TYPE-ASSIGNMENT#page1.tif source=TTI-231-TYPE-ASSIGNMENT#page2.tif	


CH \$40.00 13028960

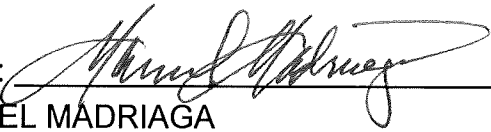
501441334

PATENT
REEL: 025823 FRAME: 0014

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, I/we, **XINKANG TIAN** and **MANUEL MADRIAGA**, 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 "**ETCH STAGE MEASUREMENT SYSTEM**", and filed on 2/16/2011 as Patent Application No. 13028960, 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: 2/11/2011
Full Name: XINKANG TIAN
Residence: / 554 Wheatley Place, San Jose, 95121

Inventor's Signature:  Date: 2/11/2011
Full Name: MANUEL MADRIAGA
Residence: 4285 Christian Drive, San Jose, CA 95135