

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Steven Caliendo	03/30/2007
Nicolaus Hofmeister	03/30/2007
RECEIVING PARTY DATA	
Name:	Tokyo Electron Limited
Street Address:	3-6 Akasaka 5-chome, Minato-ku
Internal Address:	TBS Broadcast Center
City:	Tokyo
State/Country:	JAPAN
Postal Code:	107-8481
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11694557
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ATTORNEY DOCKET NUMBER:	EP-114
NAME OF SUBMITTER:	William R. Allen
Total Attachments: 1 source=EP-114_executed_Assignment#page1.tif	

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PATENT

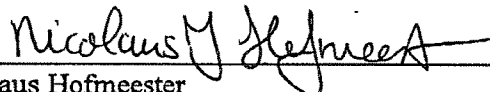
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REEL: 019095 FRAME: 0191

ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, **Steven Caliendo and Nicolaus Hofmeester**, hereby assign to **Tokyo Electron Limited**, a Corporation of Japan and having a place of business at **TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-Ku, Tokyo 107-8481 JAPAN**, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent entitled **APPARATUS AND METHODS FOR SYSTEMATIC NON-UNIFORMITY CORRECTION USING A GAS CLUSTER ION BEAM**, and filed on March 30, 2007 as Patent Application No. 11/694,557 preparatory to obtaining Letters Patent of the United States therefor, this assignment including said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, 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 our names 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 ourselves and our 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 any one of the attorneys of **Wood, Herron & Evans, L.L.P., 2700 Carew Tower, 441 Vine Street, Cincinnati, OH 45202**, to insert herein the filing date and application serial number of said application when known.

Inventor's Signature  Date 3/30/07
Full Name: Steven Caliendo
Residence: Ashby, MA

Inventor's Signature  Date 3/30/07
Full Name: Nicolaus Hofmeester
Residence: Danvers, MA