

TRADEMARK ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	RELEASE AND REASSIGNMENT OF TRADEMARKS AND TRADEMARK APPLICATIONS								
CONVEYING PARTY DATA									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">Name</th> <th style="width: 30%;">Formerly</th> <th style="width: 20%;">Execution Date</th> <th style="width: 20%;">Entity Type</th> </tr> <tr> <td>COMERICA BANK</td> <td></td> <td>05/15/2012</td> <td>a Texas banking association:</td> </tr> </table>	Name	Formerly	Execution Date	Entity Type	COMERICA BANK		05/15/2012	a Texas banking association:	
Name	Formerly	Execution Date	Entity Type						
COMERICA BANK		05/15/2012	a Texas banking association:						
RECEIVING PARTY DATA									
Name:	ADVANCED ELECTRON BEAMS, INC.								
Street Address:	301 Ballardvale Street								
City:	Wilmington								
State/Country:	MASSACHUSETTS								
Postal Code:	01887								
Entity Type:	CORPORATION: DELAWARE								
PROPERTY NUMBERS Total: 4									
Property Type	Number	Word Mark							
Registration Number:	3741396	ADVANCED ELECTRON BEAMS							
Serial Number:	77799290	E ADVANCED ELECTRON BEAMS							
Serial Number:	77799288	E							
Serial Number:	77799293	AEB							
CORRESPONDENCE DATA									
Fax Number:	9497200182								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Phone:	949-760-1121								
Email:	trademark@buchalter.com								
Correspondent Name:	Sandra P. Thompson, PhD.								
Address Line 1:	18400 Von Karman Ave. #800								
Address Line 4:	Irvine, CALIFORNIA 92612								
ATTORNEY DOCKET NUMBER:	C5709-0072								

NAME OF SUBMITTER:	Sandra P. Thompson, PhD.
Signature:	/Sandra P. Thompson/
Date:	05/16/2012
Total Attachments: 2 source=Executed Trademark Release (Advanced Electron)#page1.tif source=Executed Trademark Release (Advanced Electron)#page2.tif	

**RELEASE AND REASSIGNMENT OF
TRADEMARKS AND TRADEMARK APPLICATIONS**

May 15, 2012

Reference is hereby made to that certain Intellectual Property Security Agreement (the "Agreement"), dated as of April 28, 2010, executed by Advanced Electron Beams, Inc., a Delaware corporation ("Assignor"), whose address is 301 Ballardvale Street, Wilmington, MA 01887, in favor of Comerica Bank ("Assignee"), whose address is 39200 Six Mile Road, Mail Code 7578, Livonia, Michigan 48152, which was recorded in the United States Patent and Trademark Office ("USPTO") on May 6, 2010, at Reel 4200 Frame 0299, and re-recorded with the USPTO on May 6, 2010, at Reel 4202 Frame 0211, and pursuant to which the Assignor assigned and granted to Assignee, a security interest in and to all of Assignor's right, title and interest in and to certain trademarks, including those trademarks specifically listed on Schedule 1 attached hereto (the "Marks") and the goodwill associated therewith; and

WHEREAS, Assignee wishes to terminate the Agreement and release, retransfer and reassign to Assignor, without representation or warranty, all of Assignee's right, title and interest in and to the Marks and the goodwill associated therewith;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignee hereby terminates the Agreement and releases, retransfers and reassigns to Assignor, without representation or warranty, all of Assignee's right, title and interest in and to the Marks and the goodwill associated therewith.

IN WITNESS WHEREOF, Assignee has executed this Release and Reassignment of Trademarks and Trademark Applications as of the date first above written.

COMERICA BANK
("Assignee")

By: Judith A. Sanchez
Name: Judith A. Sanchez
Title: SVP

Schedule 1
Trademarks

Mark	App. No.	Filing Date	Reg. No.	Reg. Date
ADVANCED ELECTRON BEAMS	77/799292	8/7/09	3,741,396	1/19/10
E ADVANCED ELECTRON BEAMS (and Design)	77/799290	8/7/09	n/a	n/a
E (and Design)	77/799288	8/7/09	n/a	n/a
AFB	77/799293	8/7/09	n/a	n/a