

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	09/21/2005
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Advanced Electron Beams, Inc.	09/12/2005
<b>RECEIVING PARTY DATA</b>	
Name:	Advanced Electron Beams, Inc.
Street Address:	301 Ballardvale Street
City:	Wilmington
State/Country:	MASSACHUSETTS
Postal Code:	01887
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Patent Number:	6800989
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(978)341-0136
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	978.341.0036
Email:	lisa.bevere@hbsr.com
Correspondent Name:	Darrell L. Wong, Esq.
Address Line 1:	530 Virginia Road, P.O. Box 9133
Address Line 2:	Hamilton, Brook, Smith & Reynolds, P.C.
Address Line 4:	Concord, MASSACHUSETTS 01742-9133
ATTORNEY DOCKET NUMBER:	2251.2006-004
NAME OF SUBMITTER:	Lisa Bevere
Total Attachments: 4 source=22512006004merger#page1.tif source=22512006004merger#page2.tif	

CH \$40.00 6800989

**501022029**

**PATENT**  
**REEL: 023546 FRAME: 0689**

source=22512006004merger#page3.tif

source=22512006004merger#page4.tif

CERTIFICATE OF MERGER  
OF  
ADVANCED ELECTRON BEAMS, INC.,  
A MASSACHUSETTS CORPORATION,  
INTO  
ADVANCED ELECTRON BEAMS, INC.,  
A DELAWARE CORPORATION

\* \* \* \* \*

Pursuant to Section 252 of the General Corporation Law of the State of Delaware,  
Advanced Electron Beams, Inc., a Delaware corporation,

DOES HEREBY CERTIFY:

FIRST: That the name and state of incorporation of each of the constituent  
corporations of the merger are as follows:

	<u>Name</u>	<u>State of Incorporation</u>
1.	Advanced Electron Beams, Inc.	Delaware
2.	Advanced Electron Beams, Inc.	Massachusetts

SECOND: That an agreement of merger between the parties to the merger (the  
"Agreement of Merger") has been approved, adopted, certified, executed and acknowledged by  
each of the constituent corporations in accordance with the Section 11.04 of Chapter 156D of the  
General Laws of The Commonwealth of Massachusetts and Section 252 of the General  
Corporation Law of Delaware.

B3088342.2

THIRD: That Advanced Electron Beams, Inc., a Delaware corporation, is a wholly-owned subsidiary of Advanced Electron Beams, Inc., a Massachusetts corporation authorized to issue: 400,000 shares of common stock, \$.01 par value per share, of which 143,535 shares are issued and outstanding.

FOURTH: That the surviving corporation (hereafter, the "Surviving Corporation") shall be Advanced Electron Beams, Inc., a Delaware corporation.

FIFTH: That the Certificate of Incorporation of Advanced Electron Beams, Inc., a Delaware corporation, as filed with the Secretary of State of the State of Delaware shall be the Certificate of Incorporation of the Surviving Corporation.

SIXTH: That the executed Agreement of Merger is on file at the principal place of business of the Surviving Corporation. The address of said principal place of business is 10 Upton Drive, Unit 9, Wilmington, Massachusetts 01887.

SEVENTH: That a copy of the Agreement of Merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any constituent corporation.

EIGHTH: This Certificate of Merger shall be effective upon the date of its filing with the Secretary of State of Delaware or upon the date of filing of Articles of Merger with the Secretary of State of The Commonwealth of Massachusetts, whichever shall occur later.

IN WITNESS WHEREOF, Advanced Electron Beams, Inc., a Delaware corporation, has caused this Certificate to be signed by its President and attested by its Secretary this 12 day of September, 2005.

**ADVANCED ELECTRON BEAMS, INC.,  
A DELAWARE CORPORATION**

By: Bryan M. Wysong  
Bryan Wysong, President

ATTEST:

Charles Khuen  
Charles Khuen, Secretary

# Delaware

PAGE 1

*The First State*

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"ADVANCED ELECTRONIC BEAMS, INC.", A MASSACHUSETTS CORPORATION,

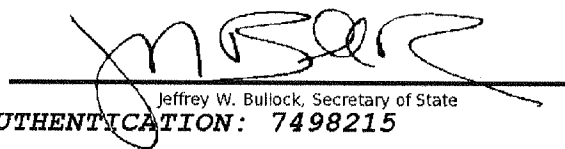
WITH AND INTO "ADVANCED ELECTRON BEAMS, INC." UNDER THE NAME OF "ADVANCED ELECTRON BEAMS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-FIRST DAY OF SEPTEMBER, A.D. 2005, AT 3:11 O'CLOCK P.M.

4023461 8100M

090813836

You may verify this certificate online  
at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)



  
Jeffrey W. Bullock, Secretary of State  
AUTHENTICATION: 7498215

DATE: 08-27-09

RECORDED: 11/20/2009

PATENT  
REEL: 023546 FRAME: 0694