

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BRUCE TECHNOLOGIES, INC.	05/07/2012
RECEIVING PARTY DATA	
Name:	BTI TARGETRY, LLC
Street Address:	1939 EVANS ROAD
City:	CARY
State/Country:	NORTH CAROLINA
Postal Code:	27513
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12434002
CORRESPONDENCE DATA	
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Correspondent Name:	The Eclipse Group LLP
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Address Line 4:	Encino, CALIFORNIA 91316
ATTORNEY DOCKET NUMBER:	BT08001USU
NAME OF SUBMITTER:	AMY J. MARTIN
Total Attachments: 3 source=BT08001USU#page1.tif source=BT08001USU#page2.tif source=BT08001USU#page3.tif	

OP \$40.00 12434002

## PATENT ASSIGNMENT

**Bruce Technologies, Inc.**, a corporation having its principal place of business at 114 Fieldstone Court, Chapel Hill, NC 27514 (referred to as "Assignor") owns all rights in and to certain invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled "Particle Beam Target with Improved Heat Transfer and Related Apparatus and Methods," and which is a non-provisional application bearing Application Serial No. 12/434,002, and filed on May 1, 2009 (the "Application").

**WHEREAS, BTI Targetry, LLC**, a corporation having its principal place of business at 1939 Evans Road, Cary, NC 27513 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the Application; the right to file applications for patent of the United States or other countries on the Invention(s); any applications for patent of the United States or other countries claiming priority to the Application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patents of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);
- (b) the Application;
- (c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Hague Convention, the Paris Convention for the Protection of Industrial Property, and under the Patent Cooperation Treaty;
- (d) any applications for patent of the United States or other countries claiming the Invention(s);
- (e) any applications for patent of the United States or other countries claiming priority to the Application or any applications for patent claiming the Invention(s), including any divisions, continuations, and continuations-in-part;
- (f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the proceeding paragraphs (b)-(e); and
- (g) any patents of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) - (e), including any reissues and extensions of said patents.

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

*[remainder of this page intentionally blank]*

**BRUCE TECHNOLOGIES, INC.**

Date: May 7, 2012

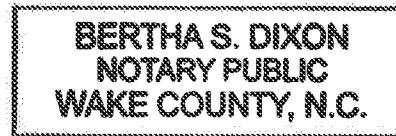
By: Bruce Wieland  
Bruce Wieland, President

State of North Carolina     )  
  ) ss.  
County of Wake                )

On May 7, 2012, before me, Bertha S. Dixon, Notary Public, personally appeared Bruce Wieland, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Bertha S. Dixon  
Signature of Notary Public



Place Notary Seal Above

My Commission Expires: July 12, 2012