

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Jesse Shaver	03/18/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Vanderbilt University
Street Address:	305 Kirkland Hall
City:	Nashville
State/Country:	TENNESSEE
Postal Code:	37240
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12714806
<b>CORRESPONDENCE DATA</b>	
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ATTORNEY DOCKET NUMBER:	20004.006
NAME OF SUBMITTER:	Cathy Nicholson
Total Attachments: 4 source=ShaverAssignment#page1.tif source=ShaverAssignment#page2.tif source=ShaverAssignment#page3.tif source=ShaverAssignment#page4.tif	

OP \$40.00 12714806

**ASSIGNMENT**

I, Jesse Shaver, a citizen of the United States of America, residing at 5048 Suter Drive, Nashville, TN 37211,

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR"), for good and valuable consideration, the receipt and sufficiency of which is acknowledged, hereby described in the Policy on Technology and Literary and Artistic Works in the Vanderbilt University 1993-1994 Faculty Manual, paid to ASSIGNOR by

Vanderbilt University

a University organized under the laws of Tennessee, located at 305 Kirkland Hall, Nashville, Tennessee 37240 (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, throughout the world in and to my Invention entitled:

**SIGNAL MEASUREMENT APPARATUS AND BEAM MODULATION APPARATUS  
USED THEREIN**

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of Assignor to recover for past infringement thereof;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and

affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

ACCEPTANCE BY ASSIGNEE

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of Vanderbilt University. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

- I am an officer of the above-identified ASSIGNEE,
- I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors,

and that all the foregoing is true and correct.

Dated: 3/19/09

By: James Elauer  
Name:  
Title:

ASSOCIATE DIRECTOR  
OFFICE OF TECHNOLOGY TRANSFER  
AND ENTERPRISE DEVELOPMENT

Jesse Shaver  
Jesse Shaver

Date: 3-18-2009

United States of America )  
State of TENNESSEE ) ss.:  
County of DAVIDSON )

On this 18<sup>th</sup> day of MARCH, 2009, before me personally came Jesse Shaver, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Ashok Croudhury  
Notary Public

