

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shu-Xiang Dong	02/28/2007
Jie-Fang Li	02/28/2007
Dwight Viehland	02/28/2007
RECEIVING PARTY DATA	
Name:	Virginia Polytechnic Institute and State University
Street Address:	301 Burruss Hall
City:	Blacksburg
State/Country:	VIRGINIA
Postal Code:	24061
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11073763
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Correspondent Name:	Whitham Curtis Christofferson & Cook, PC
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ATTORNEY DOCKET NUMBER:	01640449AA
NAME OF SUBMITTER:	Michael E. Whitham
<p>Total Attachments: 3</p> <p>source=01640449AA-assign_1#page1.tif</p> <p>source=01640449AA-assign_1#page2.tif</p>	

CH \$40.00 11073763

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PATENT
REEL: 019186 FRAME: 0453

VTIP 04.008

Serial Number: 11/073,763

ASSIGNMENT

WHEREAS, I/we, the below-named inventor(s) (hereinafter referred to as ASSIGNORS) whose residence address is stated below, have invented certain new and useful improvements in an invention entitled:

Method and Apparatus for High Voltage Gain Using a Magnetostrictive Piezoelectric Composite

for which an application for United States Letters Patent Serial No. 11/073,763 has been filed on March 8, 2005; and

WHEREAS, Virginia Polytechnic Institute and State University, (hereinafter referred to as ASSIGNEE), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at 301 Burruss Hall, Blacksburg, Virginia, 24061, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and any non-provisional applications claiming the benefit of said application to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, enforce and defend said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

PATENT

REEL: 019186 FRAME: 0455

VTIP 04.008

Serial Number: 11/073,763

Full name of inventor: Shu-Xiang Dong

Residence: 1105 Lora Lane, Blacksburg, Virginia 24060

Signature: Shu-Xiang Dong Date: 2-28-07

State of Virginia
County of Montgomery

On February 28, 2007 before me personally came the above named Shu-Xiang Dong who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing Assignment and who acknowledged to me that he/she executed the same of his/her own free will.



Cynthia C. Mendoza
Notary Public

My Commission Expires: 7/31/09

Full name of inventor: Jie-Fang Li

Residence: 308 Fincastle Drive, Blacksburg, Virginia 24060

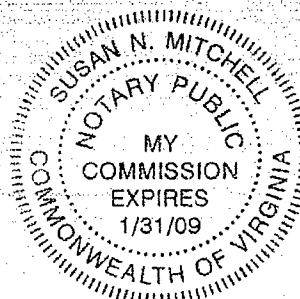
Signature: Jie-Fang Li Date: 2/28/07

State of Virginia
County of Montgomery

On February 28, 2007 before me personally came the above named Jie-Fang Li who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing Assignment and who acknowledged to me that he/she executed the same of his/her own free will.

Susan N. Mitchell
Notary Public

My Commission Expires: 1/31/09



PATENT

REEL: 019186 FRAME: 0456

VTIP 04.008

Serial Number: 11/073,763

Full name of inventor: Dwight Viehland

Residence: 308 Fincastle Drive, Blacksburg, Virginia 24060

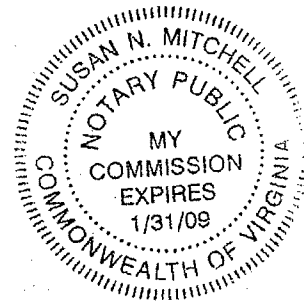
Signature: *Dwight Viehland* Date: 2/28/07

State of Virginia
County of Montgomery

On February 28, 2007 before me personally came the above named
Dwight Viehland who is personally known by me or proved to me on the basis of satisfactory
evidence to be the same individual who executed the foregoing Assignment and who acknowledged to me that
he/she executed the same of his/her own free will.

Susan N. Mitchell
Notary Public

My Commission Expires: 1/31/09



PATENT

RECORDED: 04/20/2007

REEL: 019186 FRAME: 0457