

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Victor Petrenko	04/21/2009
RECEIVING PARTY DATA	
Name:	The Trustees of Dartmouth College
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Internal Address:	Room 6210
City:	Hanover
State/Country:	NEW HAMPSHIRE
Postal Code:	03755
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11571231
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NAME OF SUBMITTER:	Curtis A. Vock
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

CH \$40.00 11571231

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PATENT
REEL: 022589 FRAME: 0270

ASSIGNMENT

WHEREAS, I, Victor Petrenko of 4 Woodland Drive, Lebanon, New Hampshire 03766, a citizen of the United States of America have invented certain new and useful

PULSE SYSTEMS AND METHODS FOR DETACHING ICE

for which I am about to make or have made application for Letters Patent of the United States; and

WHEREAS, The Trustees of Dartmouth College, a Nonprofit Corporation Of Higher Education (103c) duly organized under the laws of the State of New Hampshire and having its principal place of business at 11 Rope Ferry Road, Room 6210, Hanover, New Hampshire 03755, is desirous of acquiring an interest in, to and under said invention, said application, and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, Victor Petrenko, have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said The Trustees of Dartmouth College, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor;
- (b) said application;
- (c) any and all refilings, divisions, continuations and continuations-in-part of said application;
- (d) any and all Letters Patent of the United States of America which may issue from said application, refilings, divisions, continuations and continuations-in-part;
- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;

(h) all claims, causes of action and damages for past infringement, if any, of said application;

(i) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and

(j) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

ALL of the above shall be held and enjoyed by said The Trustees of Dartmouth College, for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

4/21/2009
Date: _____

Victor Petrenko
Victor Petrenko

STATE OF New Hampshire :
COUNTY OF Grafton : SS:

On this 21st day of April, 2009, before me personally appeared Victor Petrenko to me known to be the person described in and who executed the foregoing instrument as his free act and deed.

In witness whereof, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

Lisa M. Jones
Notary Public

My commission expires:
(SEAL)

LISA M. JONES, Notary Public
My Commission Expires May 19, 2009