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10-8-02

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Victor Petrenko

Execution Date
Month Day Year
05 24 2001

Name (line 2) _____

Second Party

Name (line 1) Charles Sullivan

Execution Date
Month Day Year
05 31 2001

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Trustees of Dartmouth College

Name (line 2) _____

Address (line 1) 11 Rope Ferry Road, Room 6210

Address (line 2) _____

Address (line 3) Hanover

New Hampshire

03755

City

State/Country

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Name Peter C. Knops

Address (line 1) Lathrop & Gage L.C.

Address (line 2) 2345 Grand Boulevard

Address (line 3) Suite 2300

Address (line 4) Kansas City, MO 64108

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Patent Application Number(s)			Patent Number(s)		
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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

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Enter PCT application number only if a U.S. Application Number as not been assigned.

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Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

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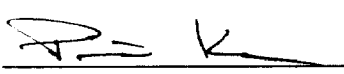
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Peter C. Knops  October 8, 2002

Name of Person Signing Signature Date

ASSIGNMENT

WHEREAS, We, Victor Petrenko and Charles Sullivan, citizens of the United States of America and residents of the City of Lebanon and Hanover respectively, and the State of New Hampshire have invented certain new and useful improvements in a

METHODS AND STRUCTURES FOR REMOVING ICE FROM SURFACES

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

WHEREAS, 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, we, Victor Petrenko and Charles Sullivan, have sold, assigned and transferred, and by these presents to sell, assign and transfer unto the said 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) 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

(I) 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 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 we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

EXECUTED this 24 day of May, 2001.

Victor Petrenko

Victor Petrenko
4 Woodland Drive
Lebanon, New Hampshire 03766
United States of America

STATE OF New Hampshire)
)
COUNTY OF Grafton)

ss.

On this 24th day of May, 2001, before me personally

appeared Victor Petrenko, to me known to be the persons described in, and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes therein set forth.

Dorel A. Laware

Notary Public

