

03-09-2009

RCE
k Office



RECORDATION FORM COV
PATENTS ON

103551248

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

5050
2250

1. Name of conveying party(ies)

Fan Zhang
Stephen Burke Murray
Andrew J. Higgins

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 01/26/2009, 01/21/2009, 01/19/2009

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: Her Majesty the Queen in Right of Canada, ...

Internal Address: _____

Street Address: 305 Rideau St.

City: Ottawa

State: Ontario

Country: Canada

Zip: K1A 0K2

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Hans Koenig

Internal Address: National Research Council of Canada

Intellectual Property Portfolio Management

Street Address: 1200 Montreal Rd., Bldg. M-58

City: Ottawa

State: Ontario

Zip: K1A 0R6

Phone Number: 519-430-7169

Fax Number: 613-952-6082

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$120

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

February 23, 2009
Date

Hans Koenig
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

9

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

01 FC:8021

120.00 OP

CONFIRMATORY ASSIGNMENT

Whereas, We, **Fan ZHANG, Stephen Burke MURRAY and Andrew J. HIGGINS**, citizens of Canada, and residing at 298 Sierra Road SW, Medicine Hat, Alberta, T1B 4Y6, Canada, #15, 3345 10 Avenue SW, Medicine Hat, Alberta, T1B 4K2, and 5085 Hampton, Montreal, Quebec, H3X 3P8, Canada, respectively, in the course of our work at and/or for Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence have made an invention for which we have made application for Letters Patent of the United States of America; and

Whereas **Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence**, situated at 305 Rideau St., Ottawa, Ontario, K1A 0K2, Canada, is our employer and/or maintains facilities or equipment we used in making this invention, and is the owner of our rights in this invention by action of law, namely s. 3 of *The Public Servants Inventions Act* of Canada, or by agreement dated June 9, 2003 and June 11, 2003 in which we assigned our rights in this invention to Her Majesty the Queen as represented by The Minister of National Defence of Her Majesty's Canadian Government which is the same entity as Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence;

NOW, THEREFORE, in consideration of having been provided with an opportunity to participate in research at the Department of National Defence and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, **Fan ZHANG, Stephen Burke MURRAY and Andrew J. HIGGINS**, did transfer to Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence, and hereby confirm said transfer, the legal ownership of our full and exclusive right, for the territory of Canada and the United States of America and all other countries, including the right to claim priority, the right to file foreign applications under the provisions of the International Convention and national laws, the right to file any divisional and continuation applications and our full and exclusive right in and to said divisional and continuation applications, in and to the said invention as described and claimed in the application for patent entitled

SUPER COMPRESSED DETONATION METHOD AND DEVICE TO EFFECT SUCH DETONATION

as described in United States Patent Application S.N. 10/932,095 filed on September 2, 2004 in the United States of America; and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent, as far as our rights are concerned, to Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence, as the assignee, for the sole behoof of said Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence, and its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us in the event that ownership rested with us, the inventors. In addition, we confirm that Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence has

full rights to abandon the invention and any related patents or patent applications or any aspect thereof in any and all jurisdictions at its sole discretion and without providing compensation to us.

The inventors signing this document acknowledge that, except as explicitly noted herein, their entire inventive contribution made toward this invention was completed in the course of their work with and/or for Her Majesty the Queen in Right of Canada, as represented by The Minister of National Defence and no other person or organization has any claim to their rights in the invention or any aspect thereof and the inventors have not granted or purported to grant rights in the invention to any other party or organization at any time.

This document has been read and understood prior to signature. Receipt of sufficient opportunity to seek clarification of any concerns is acknowledged.

Executed this ___ day of _____, 2009 at _____ in the presence of the undersigned Witness.

Witness: _____

Fan ZHANG

Executed this ___ day of _____, 2009 at _____ in the presence of the undersigned Witness.

Witness: _____

Stephen Burke MURRAY

Executed this 19 day of January, 2009 at Montreal, Quebec in the presence of the undersigned Witness.

Witness: 


Andrew J. HIGGINS