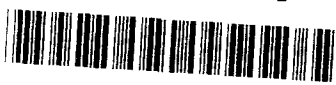


06-07-2006

Docket No.: 25016-179

FORM PTO-1595 (Modified)
(Rev. 2-93)
OMB No. 0651-0011 (exp. 4/94)
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HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

103252793

Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Barbara J. Frame
James G.R. Hansen

2. Name and address of receiving party(ies):

Name: U.T. Battelle, LLC

Internal Address: Oak Ridge National Laboratory

P.O. Box 2008

Street Address:

City: Oak Ridge State: TN ZIP: 37831

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: May 9 2006

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

11/338,021

B. Patent No.(s)

Additional numbers attached? Yes No

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FINANCE SECTION

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

Name: Customer No. 46591

Internal Address: I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Director of the United States Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on May 30 2006

Street Address: Alexandria, VA 22313-1450 on May 30 2006

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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

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9. Statement and signature.

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.

J. Herbert O'Toole

May 30 2006

Name of Person Signing

Signature

Date

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

5

06/07/2006 11:00:01
01 FC:0021

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, we, the below-named inventors whose residence and post office is as stated below, have invented certain new and useful improvements in a **COMPOSITE TREATMENT OF CERAMIC TILE ARMOR** for which an application for United States Letters Patent was filed on January 23, 2006, and assigned U.S. serial number 11/225,021, and

WHEREAS, U.T. Battelle, LLC, a Limited Liability Company of the State of Tennessee, having an office at Oak Ridge National Laboratory, Post Office Box 2008, Oak Ridge, Tennessee 37831-6498, hereinafter called the ASSIGNEE, is desirous of acquiring the entire right, title and interest in the application and invention and to any Letters Patent that may be granted therefor in the United States of America and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to ASSIGNEE the entire right, title and interest in the application and the invention, to all rights of priority thereto pursuant to the International Convention for the Protection of Industrial Property, and in any Letter Patent on the invention that may be granted in the United States of America and in any and all foreign countries, including any and all Letters Patent that are divisions, reissues, continuations, substitutions or extensions of any Letters Patent or applications therefor on the invention.

We hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the officials of any and all foreign countries to issue any and all of said Letters Patent, when granted, to the Assignee.

Further, we hereby agree to communicate to said Assignee or its representatives any facts known to us respecting said invention, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, and to make all rightful oaths and generally do everything possible to aid said ASSIGNEE and its representatives to obtain and enforce proper protection for said invention in the United States of American and in any and all foreign countries.

We further agree that the terms, covenants and conditions of this assignment shall inure to the benefit of ASSIGNEE, its successors, assigns, and legal representatives, and shall be binding on me, my heirs' legal representatives, and assigns.

Executed this 9th day of May, 2006.

James G. R. Hansen
James G. R. Hansen
Address: 111 Maltese Lane
Oak Ridge TN 37830

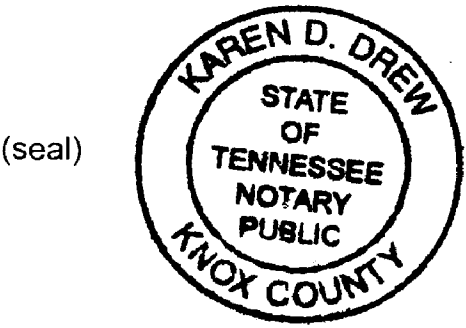
STATE OF TENNESSEE)
COUNTY OF Roane)

On this 9th day of May, 2006, before me, a Notary Public in and for the County and State aforesaid, appeared James G. R. Hansen to me personally known to be the same person whose name is subscribed in the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.

Karen D. Drew
Notary Public for the State of Tennessee

My Commission Expires:
April 6, 2010



Executed this 9th day of May, 2006.

Barbara J. Frame
Barbara J. Frame
Address: 104 Weldon Lane
Oak Ridge TN 37830

STATE OF Tennessee)
COUNTY OF Roane)

On this 9th day of May, 2006, before me, a Notary Public in and for the County and State aforesaid, appeared Barbara J. Frame to me personally

known to be the same person whose name is subscribed in the foregoing instrument, and acknowledged that she executed said instrument as her free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the day and year last above given.



(seal)

Karen D. Drew
Notary Public for the State of Tennessee

My Commission Expires:
April 6, 2010