

5-17-05

05-24-2005

Docket No.: 51764/24

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
P08/REV03



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Ning Fang**  
**Thomas H. Fronk**

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

Name: Utah State University

Internal Address: \_\_\_\_\_

Street Address: Utah State University

City: Logan State: UT ZIP: 84322

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

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: May 10, 2005

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

If this document is being filed together with a new application, the execution date of the application is: May 17, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: John R. Thompson

Internal Address: Stoel Rives LLP

5/19/2005 (BETEMA1 00000052 11130851)

6 FC:8021 40.00 OP

Street Address: One Utah Center

201 South Main Street, Suite 1100

City: Salt Lake City State: UT ZIP: 84111

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

50-2375

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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.

John R. Thompson

Name of Person Signing

Signature

5/17/05

Date

Total number of pages including cover sheet, attachments, and document: 6

Mail documents to be recorded with required cover sheet information to:

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PATENT

REEL: 016582 FRAME: 0642

Stoel Rives LLP  
One Utah Center  
201 South Main Street, Suite 1100  
Salt Lake City, Utah 84111

### ASSIGNMENT

We, NING FANG, of 1543 East 1260 North, Logan, Utah 84341, and THOMAS H. FRONK, of 20 North Sarah Street, Providence, Utah 84332, have invented the inventions described in a United States Application Serial No. \_\_\_\_\_, entitled A METHOD FOR MODELING MATERIAL CONSTITUTIVE BEHAVIOR, filed on \_\_\_\_\_, in the United States Patent and Trademark Office. (We hereby authorize the attorneys of Stoel Rives LLP to insert said serial number and filing date when known.)

The Assignee, Utah State University, of Logan, Utah 84322, desires to secure the entire right, title and interest therein.

For good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said inventions in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and Foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.


We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

DATED this 10<sup>th</sup> day of May, 2005.

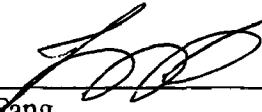
  
\_\_\_\_\_  
NING FANG  
1543 East 1260 North  
Logan, Utah 84341

DATED this 10 day of May, 2005.



THOMAS H. FRONK  
20 North Sarah Street  
Providence, Utah 84332

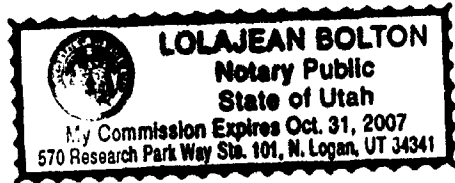
IN WITNESS WHEREOF, the undersigned has set his hand as of the 10 day of May, 2005.

  
\_\_\_\_\_  
Ning Fang

STATE OF UTAH                    )  
  )  
COUNTY OF Cache            )        SS.

Lolajean Bolton, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY, that NING FANG, personally known to me to be the same person whose name is sub-scribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he/she signed, sealed and delivered the said instrument as a free and voluntary act, for the uses and purposes therein set forth.





IN WITNESS WHEREOF, the undersigned has set his hand as of the 10 day of May, 2005.

Thomas H. Fronk  
Thomas H. Fronk

STATE OF UTAH )  
COUNTY OF Cache ) SS.

LolaJean Bolton, a Notary Public in and for said County, in the State aforesaid, DO HEREBY CERTIFY, that THOMAS H. FRONK, personally known to me to be the same person whose name is sub-scribed to the foregoing instrument, appeared before me this day in person, and acknowledged that he/she signed, sealed and delivered the said instrument as a free and voluntary act, for the uses and purposes therein set forth.

LolaJean Bolton

