

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Xiaogang Jian	06/17/2004
Hanbing Xu	06/17/2004
Thomas T. Meek	06/17/2004

RECEIVING PARTY DATA

Name:	University of Tennessee Research Foundation
Street Address:	1524 White Ave., Suite 403
City:	Knoxville
State/Country:	TENNESSEE
Postal Code:	37996-1527

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	12357857
Application Number:	11729614
Patent Number:	7216690

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:

13489-78 AND 13489-39

NAME OF SUBMITTER:

Mindy N. Rittner

PATENT

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Total Attachments: 4

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ASSIGNMENT

WHEREAS, We, Xiaogang Jian, Hanbing Xu, and Thomas T. Meek, all of the City of Knoxville, State of Tennessee (hereinafter "Assignors"), have invented certain new and useful improvements in "Method and Apparatus for Semi-Solid Material Processing" for which application for a U.S. Patent was executed on even date herewith.

AND, WHEREAS, UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, a non-profit corporation duly organized and existing under the laws of the State of Tennessee, having its principal office and place of business at 1524 White Ave., Suite 403, Knoxville, TN 37996-1527 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and by these presents does hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, his/her entire right, title and interest in and to the said invention and applications, and in and to any and all other foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted, together with his/her right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possess full title to the invention and application above-mentioned, and that he/she has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his/her heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

* * * * *

Atty. Docket No.: 1372

Full name of inventor: **Xiaogang Jian**

Signature: Xiaogang Jian Date: 6-17-04

Residence: 1611 Laurel Avenue, Apt. 915, Knoxville, Tennessee 37916

Post Office Address: 1611 Laurel Avenue, Apt. 915, Knoxville, Tennessee 37916

State of Tennessee)

County of Roane)

On this 17 day of JUNE, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared **Xiaogang Jian** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

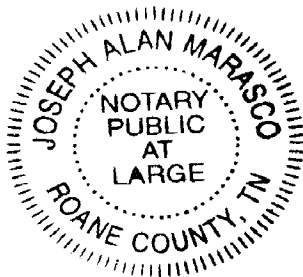
WITNESS my hand and seal the day and year last above given.

[Signature]
Notary Public

SEAL

My Commission Expires:

My Commission Expires June 12, 2006.



Atty. Docket No.: 1372

Full name of inventor: **Hanbing Xu**

Signature: Hanbing Xu Date: 06-17-2004

Residence: 3700 Sutherland Avenue, Apt. U6, Knoxville, Tennessee 37919

Post Office Address: 3700 Sutherland Avenue, Apt. U6, Knoxville, Tennessee 37919

State of Tennessee)

County of Roane)

On this 17 day of June, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared **Hanbing Xu** to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

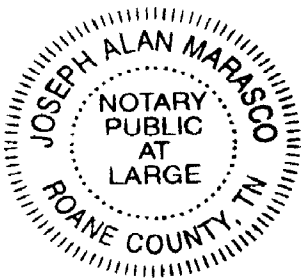
WITNESS my hand and seal the day and year last above given.

[Signature]
Notary Public

SEAL

My Commission Expires:

My Commission Expires June 12, 2006.



Atty. Docket No.: 1372

Full name of inventor: **Thomas T. Meek**

Signature: Thomas T. Meek Date: 6-17-04

Residence: 8208 Nubbin Ridge Road, Knoxville, Tennessee. 37919

Post Office Address: 8208 Nubbin Ridge Road, Knoxville, Tennessee. 37919

State of Tennessee)

County of Roane)

On this 17 day of June, 2004, before me, a Notary Public in and for the County and State aforesaid, appeared **Thomas T. Meek** to me personally known to be the same person whose name is subscribed to 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.

Joseph Alan Marasco
Notary Public

SEAL

My Commission Expires: **My Commission Expires June 12, 2006.**

