



TO THE ASSISTANT COMMISSIONER FOR

101872104

original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1.) Donald J. Merkley
2.) Caidian Luo

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

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

Name: James Hardie Research Pty Limited
Street Address: Level 1, Research and Product Development Building, 10 Colquhoun Street, Rosehill, NSW 2142, Australia

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

- (X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) 1.) September 25, 2001

2.) September 25, 2001

4. Application number(s) or Patent number(s):

- (X) Application(s) filed herewith
Execution Date(s): September 25, 2001

- () Patent Application No.:
Filing Date:

- () Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

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

Name: Sabing H. Lee
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995
Internal Address: Sixteenth Floor
Street Address: 620 Newport Center Drive
City: Newport Beach **State:** CA **ZIP:** 92660
Attorney's Docket No.: HARD1.015A

7. Total fee (37 CFR 1.21(h)): \$40

- (X) Enclosed
() Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

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.

Sabing H. Lee

Name of Person Signing

Signature

Date

43,745

Registration No.

Total number of pages including cover sheet, attachments and document: 3

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

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PATENT
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ASSIGNMENT

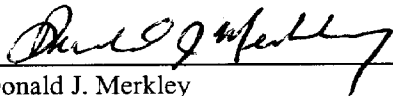
WHEREAS, We, Donald J. Merkley, a United States citizen, residing at 5054 Klusman Avenue, Alta Loma, California 91737 and Caidian Luo, Chinese citizen, 10180 Northridge Drive, Alta Loma, California 91737, have invented certain new and useful improvements in a METHOD AND APPARATUS FOR REDUCING IMPURITIES IN CELLULOSE FIBERS FOR MANUFACTURE OF FIBER REINFORCED CEMENT COMPOSITE MATERIALS for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, James Hardie Research Pty Limited (hereinafter "ASSIGNEE"), an Australian Corporation, with its principal place of business at Level 1, Research and Product Development Building, 10 Colquhoun Street, Rosehill, NSW 2142, Australia, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, his successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, his successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, his successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of Sept, 2001.


Donald J. Merkley

STATE OF
CALIFORNIA

COUNTY OF
SAN BERNARDINO

} ss.

On 25 SEPT 2001, before me, VINCENT L CARRITO, personally appeared Donald J. Merkley personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Vincent L. Cirrito
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of September, 2001.

Caidian Luo
Caidian Luo

STATE OF
CALIFORNIA
COUNTY OF
SAN BERNARDINO

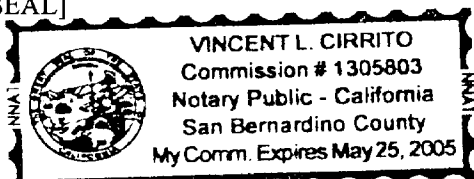
ss.

On 25 SEPT 2001, before me, VINCENT L CIRRITO, personally appeared Caidian Luo personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

Vincent L. Cirrito
Notary Signature



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