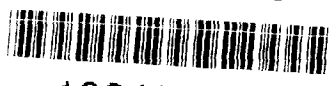




04-11-2003



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SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No. 25113

4.2.03

FORM PTO-1 (Rev. 6-93) ONIB No. 0651-000 (exp 4/94)

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

<p>1. Name of conveying party(ies): Brian Wester; Michael D. Vrbanac; Julie A. Reimer; Peter K. Lau; Brian E. Dennis; David W. Bickell</p>	<p>2. Name and address of receiving party(ies) Name: WEYERHAEUSER COMPANY Internal Address: PATENT DEPT., CH 1J27</p>
<p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment                      <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement              <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p>	<p>Street Address: 33663 Weyerhaeuser Way South WEYERHAEUSER COMPANY City: Federal Way State: WA ZIP: 98003</p>
<p>Execution Date: <u>March 21, 2003, March 21, 2003, March 21, 2003, March 5, 2003, March 5, 2003 and March 5, 2003 respectively</u></p>	

4. Application number(s) or patent number(s): 10/330,725 filed December 26, 2002

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

A. Patent Application No.(s)	B. Patent No.(s)
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Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p>	<p>6. Total number of applications and patents involved: <u>1</u></p>
<p>Name: WEYERHAEUSER COMPANY Internal Address: PATENT DEPT., CH 1J27 Street Address: P.O. Box 9777 WEYERHAEUSER COMPANY City: Federal Way State: WA ZIP: 98063-9777</p>	<p>7. Total fee (37 CFR 3.41) ..... <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit Account number: <u>23-1480</u></p>

DO NOT USE THIS SPACE

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.*

Teresa J. Wiant, Registration No. 36,967                      T. J. Wiant                      March 28, 2003  
Name of Person Signing    Signature    Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

04/10/2003 DBYRNE 00000114 231480 10330725  
01 FC:8021 40.00 CH

Joint

ASSIGNMENT

WHEREAS, we, Brian Wester a citizen of the United States, Michael D. Vrbanac a citizen of the United States, Julie A. Reimer a citizen of the United States, Peter K. Lau a citizen of Canada, Brian E. Dennis a citizen of Canada and David W. Bickell a citizen of Canada have invented certain new and useful improvements Process for Making Very Low COD Unbleached Pulp for which we have executed an application for Letters Patent of the United States of America, the specification of which was filed on December 26, 2002, and issued patent application number 10/330,725, and

WHEREAS, WEYERHAEUSER COMPANY, a Washington corporation, having its principal place of business at Federal Way, King County, Washington (hereinafter referred to as the ASSIGNEE), is desirous of obtaining the entire right and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions and continuations thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States of America, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States of America and all extensions and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and any Official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its 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, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals this

- (1) 21 day of March, 2003.
- (2) 21 day of March, 2003.
- (3) 21 day of March, 2003.
- (4) \_\_\_\_\_ day of \_\_\_\_\_, 2003.
- (5) \_\_\_\_\_ day of \_\_\_\_\_, 2003.
- (6) \_\_\_\_\_ day of \_\_\_\_\_, 2003.

(1) *Brian Wester*  
 Brian Wester

STATE OF Washington )  
 )  
 COUNTY OF King )

On this 21 day of March, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared Brian Wester, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



*Nancy L. MacLeod*  
 Notary Public in and for the State of  
WA, residing at Vashon.

(2) *Michael D. Vrbanac*  
 Michael D. Vrbanac

STATE OF Washington )  
 )  
 COUNTY OF King )

On this 21 day of March, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared Michael D. Vrbanac to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



*Nancy L. MacLeod*  
 Notary Public in and for the State of  
WA, residing at Vashon.

(3) Julie Reimer  
Julie A. Reimer

STATE OF Washington )  
COUNTY OF King )

On this 21 day of March, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared Julie A. Reimer, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Nancy L. MacLeod

Notary Public in and for the State of WA, residing at Washou.


(4) Peter Lau  
Peter K. Lau

STATE OF BC )  
COUNTY OF Canada YALE )

On this 5 day of March, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared PETER LAU, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

D. Hugh MacInnes  
Barrister & Solicitor  
P.O. Box 800  
Kamloops, B.C.  
V2C 5M7


Hugh MacInnes  
Notary Public in and for the State of BC, residing at Kamloops.

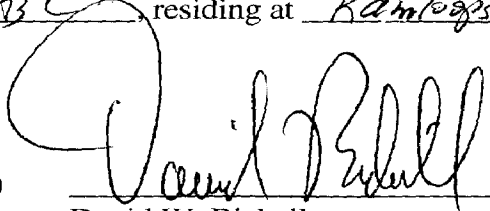
(5)   
Brian E. Dennis

STATE OF BC )  
COUNTY OF Canada )

On this 5 day of March, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared BRIAN DENNIS, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**D. Hugh MacInnes**  
Barrister & Solicitor  
P.O. Box 800  
Kamloops, B.C.  
V2C 5M7

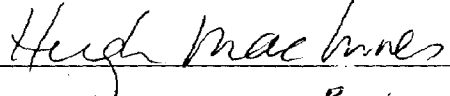
  
Notary Public in and for the <sup>Prov</sup>State of BC, residing at Kamloops.

(6)   
David W. Bickell

STATE OF BC )  
COUNTY OF Canada )

On this 5 day of March, 2003, before me, a Notary Public in and for the State and County aforesaid, personally appeared DAVID BICKELL, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

**D. Hugh MacInnes**  
Barrister & Solicitor  
P.O. Box 800  
Kamloops, B.C.  
V2C 5M7

  
Notary Public in and for the <sup>Prov</sup>State of BC, residing at Kamloops.