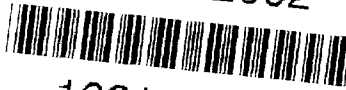


06-21-2002



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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 04)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Docket No. WEYE118745/24767

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

1. Name of conveying party(ies): Zia Abdullah John Peter Gorog Additional name(s) of conveying party(ies) attached?  Yes  No

6-4-02

2. Name and address of receiving party(ies) Name: WEYERHAEUSER COMPANY Internal Address: PATENT DEPT., CII 1J27 Street Address: P.O. Box 9777 WEYERHAEUSER COMPANY City: Federal Way State: WA ZIP: 98063-9777 Additional name(s) & addresses(s) attached?  Yes  No

3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Name  Other Execution Date: May 26, 2002

4. Application number(s) or patent number(s): 10/095,212 filed on March 11, 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) Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: WEYERHAEUSER COMPANY Internal Address: PATENT DEPT., CH 1J27 Street Address: P.O. Box 9777 City: Federal Way State: WA ZIP: 98063-9777

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) ..... \$40.00  Enclosed  Authorized to be charged to deposit account 8. Deposit Account number: 23-1480

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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 M. Crawford, Reg. No. 19,670 Name of Person Signing Signature Date June 4, 2002 Total number of pages including cover sheet, attachments, and document: 3

06/20/2002 DBYRNE 00000194 231480 10095212 Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231 01 PC:581 40.00 CH

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PATENT REEL: 012999 FRAME: 0754

Joint

A S S I G N M E N T

WHEREAS, we, Zia Abdullah, a citizen of Canada, and John Peter Gorog, a citizen of the United States, residing respectively at 32616 19th Pl SW, Federal Way, Washington 98023 and 11104 SE 283rd St., Kent, Washington 98032, have invented certain new and useful improvements in Hemispherical Dome For Refractory Vessel for which we have executed an application for Letters Patent of the United States of America, the specification of which is was filed on March 11, 2002 and granted United States Serial Number 10/095,212.

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.

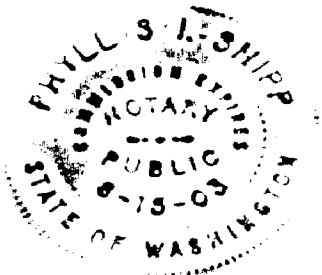
IN TESTIMONY WHEREOF, we hereunto set our hands and seals this


- (1) 26 day of May, 2002.
- (2) 26 day of May, 2002.

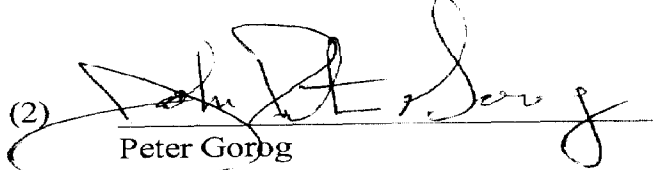
(1)   
 \_\_\_\_\_  
 Zia Abdullah

STATE OF Washington )  
 )  
 COUNTY OF Pierce )

On this 26<sup>th</sup> day of May, 2002, before me, a Notary Public in and for the State and County aforesaid, personally appeared Zia Abdullah, 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.

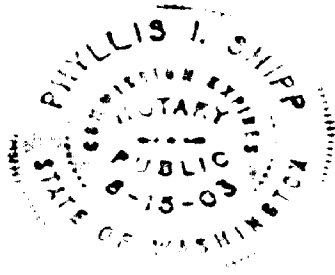


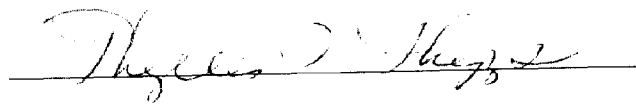
  
 \_\_\_\_\_  
 Notary Public in and for the State of  
Washington residing at Tacoma

(2)   
 \_\_\_\_\_  
 Peter Gorog

STATE OF Washington )  
 )  
 COUNTY OF Pierce )

On this 26<sup>th</sup> day of May, 2002, before me, a Notary Public in and for the State and County aforesaid, personally appeared Peter Gorog, 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.



  
 \_\_\_\_\_  
 Notary Public in and for the State of  
Washington residing at Tacoma