

FICE 101449756 Case Docket No. Patent and Trademark Office 3620-023-01 RECORDATION FORM COVER SHEET PATENTS ONLY To the Assistant Commissioner for Patents Please record the attached original documents or copy thereof. 1. Name of conveying parties: Hao A. CHEN and Richard JUDD Additional name(s) of conveying party(ies) attached? Yes No XX 2. Name and address of receiving party: Name: Mannington Mills, Inc. Street Address: Mannington Mills Road, P.O. Box 30, Salem, New Jersey 08079-0030 Additional name(s) & address(es) attached? Yes ___ No XX__ 3. Nature of conveyance: XX Assignment Ex. Date: July 28, 2000 4. Title: THERMOPLASTIC PLANKS AND METHODS FOR MAKING THE SAME 5. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: August 1, 2000. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes ___ No XX 6. Name and address of party to whom correspondence concerning document should be mailed Luke A. Kilyk Name: KILYK & BOWERSOX, P.L.L.C. 3603-E Chain Bridge Road 1630121 Fairfax, VA 22030 7. Total number of applications and patents involved: 1 8. Total fee (37 CFR 3.41). \$40.00 XXEnclosed Authorized to be charged to Deposit Account (Two copies of this paper are attached.) 9. Deposit Account No.: 50-0925 10. 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. Luke A. Kilyk Name of Person Signing Signature 33,251 August 1, 2000 Registration No. Date Total number of pages including cover sheet, attachments and document: 3 Rev. 2/97 Date August 1, 2000 Label No. EL352565329US I hereby certify that, on the date indicated above, I deposited this paper with identified attachments and/or fee with the U.S. Postal Service and that it was addressed for delivery to the Assistant Commissioner for Patents,

Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

PATENT

REEL: 011034 FRAME: 0204

ASSIGNMENT

(Worldwide Rights

| WHEREAS WE, the below named inventors. [hereinafter referred to as Assignors], have made an invention entitled: THERMOPLASTIC PLANKS AND METHODS FOR MAKING THE SAME for which We filed a patent application on, (Application No); and |
|---|
| WHEREAS, MANNINGTON MILLS, INC. a corporation of Delaware, United States of America, whose post office address is P.O. Box 30, Salem, New Jersey (hereby referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application: |
| NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged. We, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such application, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; |
| AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment; |
| AND, WE HEREBY further covenant and agree that WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns. |
| IN TESTIMONY WHEREOF, We have hereunto set our hands. |
| County of Salow)) ss. State of New Jersey) |
| Subscribed and sworn to before me this $\frac{\partial \mathcal{S}}{\partial \mathcal{S}}$ day of $\frac{\partial \mathcal{S}}{\partial \mathcal{S}}$, 2000. |
| Christine a Bunne |
| SEAL |
| NOTARY PUBLIC. STATE OF NEW JERSEY NO. 2190581 My Commission Expires July 23, 2001 |

PATENT REEL: 011034 FRAME: 0205

| FULL NAME OF FIRST INVENTOR: HAO A. CHEN |
|--|
| |
| Address: 40 Blue Stone Road, Chadds Ford, PA 19317 |
| Signature: 2 () |
| Date: 25, 217 |
| FULL NAME OF SECOND INVENTOR: RICHARD JUDD |
| Address: 208 Jaymar Boulevard, Newark, DE 19702 |
| |
| Signature: Richard E. Judd |
| Signature: Richard E. Judd Date: July 28, 2000 |
| |
| FULL NAME OF THIRD INVENTOR: |
| Address: |
| |
| Signature: |
| Date: |

Page 2 of 2

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U.S. PATENT AND TRADEMARK OFFICE

Case Docket No. 3620-023-01

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Assistant Commissioner for Patents Please record the attached original documents or copy thereof.

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| 7. Total number of applications and patents involved: 1 |
| 8. Total fee (37 CFR 3.41) \$40.00 XX Enclosed Authorized to be charged to Deposit Account |

10. Statement and signature.

9. Deposit Account No.: 50-0925

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.

Luke A. Kilyk

Name of Person Signing

Signature

(Two copies of this paper are attached.)

August 1, 2000

33,251 Registration No.

Date

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

Rev. 2/97

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PATENT REEL: 011034 FRAME: 0207

Date August 1, 2000 Label No. EL352565329US