| Form PTC•1595 (Rev. 07/05) OMB No.,0651-0027 (exp. 6/30/2008) | .05 - 2006 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office |
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| To the Director of the U.S. Patent and Trademark Office: | Please record the attached documents or the new address(es) below. |
| 1. Name of conveying party(ies) | 2. Name and address of receiving party(ies) |
| Roger L. Meadows | Name: BGF Industries, Inc. |
| | Internal Address: |
| | 2 0.4 |
| Additional name(s) of conveying party(ies) attached? Yes 3. Nature of conveyance/Execution Date(s): | |
| Execution Date(s) April 12, 2006 | Street Address: 3802 Robert Porcher Way |
| Assignment Merger | |
| Security Agreement Change of Nan | ne City: Greensboro |
| Joint Research Agreement | State: North Carolina |
| Government Interest Assignment | 7'- 2744 |
| Executive Order 9424, Confirmatory License | Country: U.S. Zip: 27410 |
| Other | Additional name(s) & address(es) attached? Yes No |
| 5. Name and address to whom correspondence | 6. Total number of applications and patents |
| concerning document should be mailed: | involved:_1 |
| Name: Lewis S. Rowell | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 |
| Internal Address: Womble Carlyle Sandridge & Rice, PLLC | Authorized to be charged by credit card |
| | Authorized to be charged to deposit account |
| Street Address: P.O. Box 7037 | Enclosed |
| | None required (government interest not accting title) |
| City: Atlanta | 8. Payment Information |
| State: Georgia Zip: 30357-0037 | a. Credit Card Last 4 Numbers Expiration Date S |
| Phone Number: 336-574-8090 | 8/ |
| Fax Number: 336-574-4516 | b. Deposit Account Number 09-0528 \$ \$ Authorized User Name |
| Email Address: Irowell@wcsr.com | Authorized User Name |
| 9. Signature: | (A) (A) |
| Signature | April 28, 2006 Date Total number of pages including cover |
| Léwis S. Rowell Name of Person Signing | Total number of pages including coder sheet, attachments, and documents: |
| Documents to be recorded (including cover | |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

This Assignment made by me, Roger L. Meadows, hereinafter referred to as assignor, a

citizen of the United States of America, residing at 2245 Old Mine Road, City of Gretna, State of

Virginia;

WITNESSETH: That,

WHEREAS, I am the sole inventor of certain new and useful improvements in a

METHOD FOR FORMING A RELATIVELY THICK, LIGHTWEIGHT, NONWOVEN

INSULATING MAT for which I am about to make an application for Letters Patent of the

United States, and for which I have executed a declaration on the $\frac{1}{2}$ day of $\frac{1}{2}$,

2006.

WHEREAS, BGF Industries, Inc., a corporation duly organized and existing under the

laws of the State of North Carolina and having a principal place of business in Greensboro,

County of Guilford, State of North Carolina, hereinafter referred to as assignee, is desirous of

acquiring the entire right, title and interest in and to said invention as described in the

specification executed herewith, and any and all Letters Patent which shall be granted therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and

valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the said

assignor, have sold, assigned, transferred and set over unto the said assignee, its successors and

assigns, the entire right, title and interest in and to the above-mentioned application and invention

and in and to any and all Letters Patent of the United States which may hereafter be granted

therefor, and in any and to any and all continuations, continuations-in-part, substitutions,

divisions or reissues of said Letters Patent, the same to be held and enjoyed by the said assignee,

for its interest, and for its own use and behalf, and the use and behalf of its successors and

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PATENT

REEL: 017825 FRAME: 0378

assigns, to the full end of the term for which said Letters Patent may be granted as fully and

entirely as the same would have been held and enjoyed by me had this assignment and sale not

been made.

And for the consideration aforesaid, I hereby covenant and agree to and with the said

assignee, its successors and assigns, that at the time of the execution and delivery of these

presents I am the sole and lawful owner of the entire right, title and interest in and to the

invention, application and Letters Patent above-mentioned and that the same are unencumbered,

and that I have good right and lawful authority to sell and convey the same in the manner herein

set forth.

And for the consideration aforesaid, I hereby covenant and agree to and with the said

assignee, its successors and assigns, that I will, whenever its counsel or the counsel of its

successors and assigns, learned in the law, shall advise that an amendment, division,

continuation, continuation-in-part, or substitution of, or any other proceeding in connection with

said application, including interference proceedings, is lawful and desirable, sign all papers and

drawings, take all rightful oaths, and do all acts necessary or required to be done for the

procurement of valid Letters Patent for said invention, or for the reissue of the same without

charge to my said assignee, its successors or assigns, but at its or their expense.

I hereby request the Commissioner for Patents to issue the Letters Patent in accordance

with this instrument.

For the consideration aforesaid, I have sold, assigned, transferred and set over, and by

these presents do sell, assign, transfer and set over, unto the said assignee, its successors, assigns

or nominee, the entire right, title and interest in and to any and all Letters Patent for said

invention which may be granted in countries foreign to the United States and in and to any

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PATENT REEL: 017825 FRAME: 0379 applications for Letters Patent which may be filed for said invention in countries foreign to the United States and in and to the invention described in said application; and I hereby authorize and empower the said assignee, its successors, assigns or nominees to apply for Letters Patent or other form of protection on said invention in its own name or in the name of its successor, assignee, or nominee, in any and all countries where it may desire to file such application and where said application may be filed by another than the inventor; and I hereby covenant and agree to sign all papers and drawings, take all rightful oaths, and do all acts necessary or required to be done for procurement of Letters Patent, or other form of protection, for said invention or inventions in countries foreign to the United States, and for further investing or confirming the right and title therein to the assignee, its successors, assignee, or nominee, without charge to my said assignee, its successor, assignee or nominee, but at its or their own expense.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this the $\frac{1}{\sqrt{2}}$ day of $\frac{1}{\sqrt{2}}$, 2006.

Roger L. Meadows

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RECORDED: 04/28/2006