

A/D 581-40

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U.S. DEPARTMENT OF COMMERCE  
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ET 12/223211

To the Director of the U.S. Patent a.

103516844

Documents or the new address(es) below.

**1. Name of conveying party(ies)**Shalaby W. Shalaby  
Michael Scott TaylorAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 7-16-08

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: Poly-Med Inc.

Internal Address: \_\_\_\_\_

Street Address: 6309 Highway 187City: AndersonState: SCCountry: US Zip: 29625Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.A. Patent Application No.(s)  
PCT US 2007/003045

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Leigh P Gregory, Attorney at Law

Internal Address: \_\_\_\_\_

Street Address: PO Box 168City: ClemsonState: SC Zip: 29633-0168Phone Number: 757-642-6039Fax Number: 864-654-4315Email Address: leighpgregory@cox.net**6. Total number of applications and patents involved:** 10/01/1985**7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☒ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_**9. Signature:** Leigh P Gregory  
Signature7-22-08  
DateLeigh P Gregory, Attorney at Law  
Name of Person SigningTotal number of pages including cover  
sheet, attachments, and documents:

4

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

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PATENT  
REEL: 021322 FRAME: 0050

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Shalaby W. Shalaby, a citizen of the United States, residing at 6309 Highway 187, Anderson, SC 29625 and Michael Scott Taylor, a citizen of the United States residing at 103 White Oak Place, Pendleton, SC 29670 as assignors have made an invention entitled Antimicrobial, Radiopaque, Microfiber-reinforced, Polymeric Methacrylate Bone Cement as described in PCT application number US07/003045 , filed on February 6, 2007; and

WHEREAS, Poly Med, Inc., a body politic and corporate under the laws of the State of South Carolina, whose post office address is 6309 Highway 187, Anderson, SC 29625; 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;

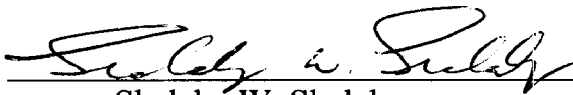
NOW THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, 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 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 of this invention in said assignee, its successors and assigns, execute 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.

7/16/08  
Date

 (L.S.)  
Shalaby W. Shalaby

7/16/08  
Date

 (L.S.)  
M. Scott Taylor