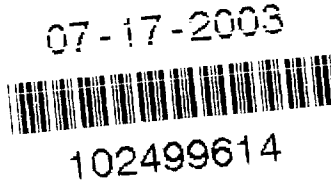




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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Donald Eagland Nicholas John Crowther</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>May 21, 2002 and May 21, 2002,</u> <u>respectively</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>Bradford University</u> Internal Address: _____ Street Address: <u>Bradford</u> _____ _____ City: <u>West Yorkshire</u> State/Country: <u>England</u> Zip: <u>BD7 1DP</u></p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. 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: _____

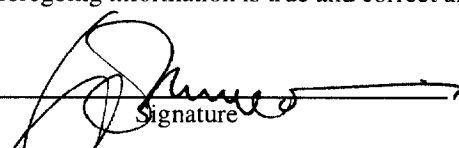
<p>A. Patent Application No(s). (1) <u>09/820,038</u> (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>
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Additional numbers attached Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Leonard C. Mitchard</u> Internal Address: _____ Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any <u>deficiency</u> in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.</p>
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9. Statements 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.

<p><u>Leonard C. Mitchard</u> Name of Person Signing Reg. No. 29,009</p>	 Signature	<p><u>July 14, 2003</u> Date</p>
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Total number of pages including original cover sheet, attachments, and document: [4]

07/16/2003 LHMELLER 00000240 09820038

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40.00 DP

ASSIGNMENT FOR PATENT APPLICATIONS
(All Rights)

WHEREAS, Donald EAGLAND and Nicholas John Crowther, (hereinafter ASSIGNORS) of 21, Clough Drive, Clough Park, Lepton, Huddersfield, West Yorkshire ENGLAND HD8 OJJ; and 12, Beech Drive, Denholm, Bradford, West Yorkshire ENGLAND BD13 4L; respectively, have invented a certain improvement in POLYMERIC MATERIAL for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on June 7, 1999 under Serial No. 09/269,095, and on March 28, 2001 under Serial No. 09/820,038;

WHEREAS, BRADFORD UNIVERSITY (hereinafter ASSIGNEE), a University of England, having an office and place of business at Bradford, West Yorkshire, ENGLAND BD7 1DP is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said applications and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together

with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres; and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNORS hereby agree to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and

ASSIGNORS hereby agree, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

AGREED and executed as noted below:

21/5/02

Date

Donald England

Donald EAGLAND

Witnessed by:

N.J. Crowther

Name:

NICHOLAS J. CROWTHER

21/05/02

Date:

21/05/02

Date

Witnessed by:

Donald England

Name:

N.J. Crowther

Nicholas John Crowther

21/5/02

Date:

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PTO/SB/121 (10-00)

Approved for use through 10/31/2002. OMB 0651-0035

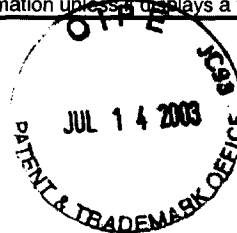
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in the following listed application(s) or patent(s):

Patent Number (if appropriate)	Application Number	Patent Date (if appropriate)	U.S. Filing Date
	09/820,038		March 28, 2001

Typed or Printed Name	Leonard C. Mitchard	<p><i>(check one)</i></p> <input type="checkbox"/> Applicant or Patentee <input type="checkbox"/> Assignee of record of the entire interest. Statement under 37 C.F.R. § 3.73(b) is enclosed. (Form PTO/SB/96) <input checked="" type="checkbox"/> Attorney or Agent of record 29,009 (Reg. No.)
Signature		
Date	July 14, 2003	
Address of signer:	1100 North Glebe Road, 8 th Floor Arlington, VA 22202	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.*

*Total of 1 forms are submitted.

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