



To the Honorable Commissioner of Patents and Trade

101730479

Date: May 15, 2001
Attorney Docket No. 5051-478

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul A. Charpentier

George W. Roberts

5-17-01

2. Name and address of receiving party(ies):

North Carolina State University
1 Holladay Hall
Campus Box 7003
Raleigh, North Carolina 27695

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other

Execution Date: Charpentier - May 10, 2001
Roberts - April 5, 2001

Additional name(s) & address(es) attached? Yes ☒ No

4. Application Serial No. 09/709,206 Patent No.

I, this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No. 20792
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

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: 50-0220

DO NOT USE THIS SPACE
05/21/2001 GTON11 00000152 09709206
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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.

Robert J. Smith

Name of Person Signing

Robert J. Smith

Signature

5-15-01

Date

Total number of pages including cover sheet, attachments and document: 4

ASSIGNMENT

THIS ASSIGNMENT, made by us, **Paul A. Charpentier**, citizen of Canada, residing at 1201-675 Windermere Road, London, Ontario N5X 4G2, Canada, and **George W. Roberts**, citizen of the United States of America, residing at 1610 St. Mary's Street, City of Raleigh, County of Wake, State of North Carolina 27608

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in ***CONTINUOUS PROCESS FOR MAKING POLYMERS IN CARBON DIOXIDE*** for which an application for United States Letters Patent has been filed in the United States Patent and Trademark Office on November 9, 2000, under Serial No. 09/709,206, and

WHEREAS, **North Carolina State University**, an educational institution having a principal place of business at 1 Holladay Hall, Campus Box 7003, Raleigh, County of Wake, State of North Carolina, hereinafter referred to as assignee, is desirous of acquiring our entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, our entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 10th day of May, 2001.

Paul A. Charpentier (SEAL)
Paul A. Charpentier

Witnessed by:

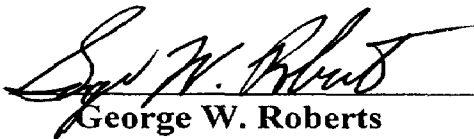
Amin S. Rizkalla

Date: May 10, 2001

William H. H. H. H.

Date: May 10, 2001

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 5th day
of April, 2001.

 (SEAL)
George W. Roberts

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF WAKE)

Before me personally appeared **George W. Roberts**, to me known to be the person
described in and who executed the foregoing instrument, and he acknowledged to me that he
executed the same for the purposes therein stated, this 5th day of April,
2001.


Notary Public

SEAL

My Commission Expires: 9-13-05