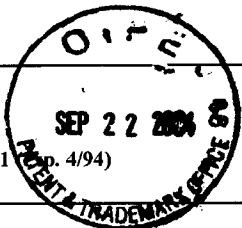


FORM PTO-1,
(Rev. 6-93)
OMB No. 0651-0011 (p. 4/94)



11-03-2004



102874626

U.S. DEPARTMENT OF COMMERCE
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Scott Collins
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Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

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

Name: The University of Akron

Internal Address:

Street Address: 302 Buchtel Common

City: Akron State: Ohio ZIP: 44325

3. Nature of conveyance:

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Execution Date: 7/1/04, 8/2/04, & 8/11/04

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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: N/A

A. Patent Application No.(s) 10/817,187, Filed 04/02/04

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Daniel J. Schlue

Internal Address: Roetzel & Andress

Street Address: 222 S. Main Street

City: Akron State: OH ZIP: 44308

6. Total Number of applications and patents involved: 17. Total fee (37 CFR 3.41): \$ 40.00☐ Enclosed☒ Authorized to be charged to deposit account8. Deposit Account Number: 50-0959

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PATENT
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ASSIGNMENT

In Consideration of the sum of Ten Dollars (\$10.00), and of other good and valuable consideration paid to the undersigned by the Assignee, The University of Akron, an institution organized under the laws of the State of Ohio and having a place of business at 302 Buchtel Common, in Akron, Ohio 44325, receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

POLYMERIZATION OF I-BUTENE IN HYDROCARBON MEDIA USING BIS(BORANE) CO-INITIATORS

said invention being fully described and/or claimed in U.S. Patent Application Serial Nos. 60/463,601 and 10/817,187 for Letters Patent of the United States of America, and PCT Patent Application Serial No. PCT/US04/011681, executed this date, in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And Said Assignee is Hereby Authorized to make application for and to receive Letters Patent for said invention in any of said countries of its election.


And By This Covenant The Undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of said Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

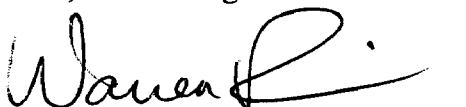
And The Commissioner of Patents is Hereby Authorized and Requested to issue any and all Letters patent of the United States for said invention, to said assignee.


Scott Collins

Date: July 1, 2004


Witness:


Name: Jeremy Daum
Date: 7/1/04


Warren P. Lewis E. Piers SC.

Date: Aug 11, 2004

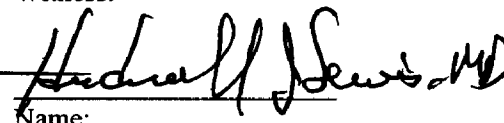
Witness:


Name: Darryl Morrison
Date: Aug 11, 2004


Stewart P. Lewis

Date: 8/2/04

Witness:


Name: Michael J. Lewis
Date: 8-2-04