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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

Brian E. Butters
Anthony L. Powell

2. Name and address of receiving party(ies)

Name: Purifics Environmental
Technologies, Inc.

Internal Address: _____

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

3. Nature of conveyance:

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

Street Address: _____

340 Sovereign RoadCity: London, Ontario State: Canada Zip: N6M 1A8Execution Date: 7/19/2004Additional name(s) & address(es) attached? ☐ Yes ☐ No

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: _____

A. Patent Application No.(s)

60/556034 60/539559 10/683077

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: James H. OrtegaInternal Address: BAKER & MCKENZIEStreet Address: 2001 Ross AvenueCity: Dallas State: TX Zip: 752016. Total number of applications and patents involved: 137. Total fee (37 CFR 3.41).....\$ 120.00☒ Enclosed☒ Authorized to be charged to deposit account
any deficiencies

8. Deposit account number:

13-0480

(Attach duplicate copy of this page if paying by deposit account)

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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.

James H. Ortega

Name of Person Signing

Signature

8/2/2004

Date

08/06/2004 DBYRNE

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Total number of pages including cover sheet, attachments, and documents: 120.00

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120.00

All documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, we, **Brian E. Butters** and **Anthony L. Powell**, residing at the address with our citizenship as stated below next to our names (hereinafter referred to as "Assignors"), have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the applications having been designated as set forth below and filed on or about the date set forth below; and

WHEREAS, we represent and warrant that we are the joint inventors of said invention and application for Letters Patent; and

WHEREAS, **Purifics Environmental Technologies, Inc.**, a Canadian Corporation, (hereinafter referred to as "Assignee"), with an address of 340 Sovereign Road, London, Ontario, Canada N6M 1A8, desires to acquire the entire right, title and interest in and to the invention, and in and to the applications and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have assigned, sold, transferred and set over and by these presents do assign, sell transfer and set over unto said ASSIGNEE the entire right, title and interest in and to (a) said invention and worldwide rights therein; (b) said applications, including, but not limited to, all divisions, continuations, continuations-in-part and substitutions thereof; and (c) all United States and foreign patents which shall issue on said invention, including, but not limited to, all reissues, renewals and extensions thereof, for the United States, its territories and possessions and all foreign countries, including the right to file corresponding applications for Letters Patent on said invention in any and all foreign countries, and to claim priority under any and all treaties and conventions to which the United States of America is signatory including, but not limited to, the Paris Convention for the Protection of Industrial Property for such corresponding applications, or any division, continuation or substitution thereof, the same to be held and enjoyed by said ASSIGNEE, its

assigns and successors, as fully and entirely as the same would have been held and enjoyed by us, had this assignment not been made.

We covenant and agree that we will, at any time upon the request and at the expense of said ASSIGNEE, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable, in the opinion of said ASSIGNEE, to enable and assist said ASSIGNEE to (a) obtain Letters Patent, both domestic and foreign, on said invention; (b) establish, maintain and secure title in said ASSIGNEE, its successors and assigns, to said invention, applications and Letters Patent, including making such title of lawful public record; and (c) defend, establish or otherwise preserve the validity of said Letters Patent against any and all infringers, and perform such other acts as are necessary to give full force and effect to this assignment.

We represent and covenant that no assignment, mortgage, sale, license, pledge, encumbrance or alienation of said invention or patent applications has been or will be made or entered into which would conflict with this assignment and sale.

We hereby authorize and request the Director of Patents and Trademarks of the United States to issue all Letters Patent based on said applications and each division, continuation, continuation-in-part, substitution, reissue, renewal and extension thereof to said ASSIGNEE, its successors and assigns.

Atty. Docket Number	Application Serial No.	Filing Date	Invention Title
24090416.39	60/556,034	3/24/2004	System and Method for In-Situ Cleaning of Protective Sleeves in UV Decontamination Systems
24090416.37	60/539,559	1/27/2004	Advanced Contaminant Treatment System
24090416.30	10/683,077	10/10/2003	System and Method for Photocatalytic Treatment of Contaminated Media

We hereby grant JOHN G. FLAIM, Registration No. 37,323, BRIAN C. McCORMACK, Registration No. 36,601, WILLIAM D. McSPADDEN, Registration No. 44,234, JAMES H. ORTEGA, Registration No. 50,554 and RICHARD V. WELLS, Registration No. 53,757, and all practitioners with the firm of Baker & McKenzie (Customer Number 23562) with an office at 2001 Ross Avenue, Suite 2300, Dallas, TX 75201, the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

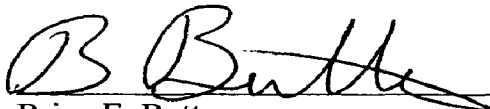
The undersigned further declares that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the applications or any patent issued thereon.

IN TESTIMONY WHEREOF, we have duly executed this assignment on the date as indicated next to our name.

First named inventor:

Date: July 17/04

Residence Address:


Brian E. Butters
340 Sovereign Road
London, Ontario, Canada N6M 1A8

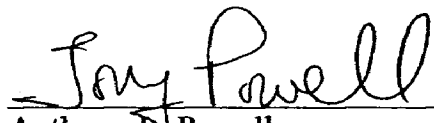
Citizenship: Canada

Second named inventor:

Date: July 19/04

Residence Address:

Citizenship: Canada



Anthony L. Powell
51 Laurel Court
London, Ontario N6H 4W2
Canada