



09-26-2001



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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):

Robert T. Do  
Gary L. LeathermanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

9-20-01

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

Execution Date: \_\_\_\_\_

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

Name: Global Plasma Systems Group, Inc.

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

Street Address: 1300 Pennsylvania Ave. \_\_\_\_\_

City: Washington State: DC Zip: 20004

Additional 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)  
PCT/US01/26076

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William H. Oldach III

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

Vorys, Sater, Seymour and Pease LLP

Suite 1111

Street Address: 1828 L Street, N.W.

City: Washington State: DC Zip: 20036

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:

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

DO NOT USE THIS SPACE

## 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.

William H. Oldach III  
Name of Person SigningWilliam H Oldach III  
Signature9/20/01  
DateTotal number of pages including cover sheet, attachments, and documents: ☐ 40E

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

09/25/2001 LMUELLER 00000236 PCTUS0126076

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40.00 OP

PATENT  
REEL: 012183 FRAME: 0740

## ASSIGNMENT

WHEREAS, we, Robert T. DO and Gary L. LEATHERMAN, have made an invention entitled PLASMA PYROLYSIS, GASIFICATION AND VITRIFICATION OF ORGANIC MATERIAL, for which we have filed an application for Letters Patent on August 22, 2001, under Application No. PCT/US01/26076; and

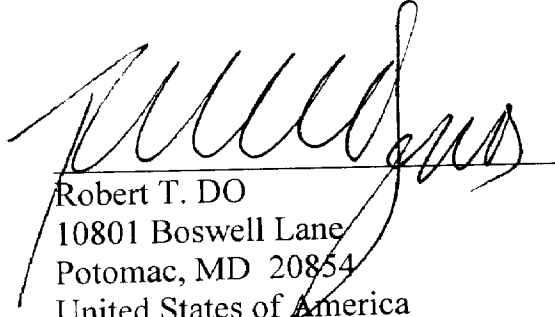
WHEREAS, GLOBAL PLASMA SYSTEMS GROUP, INC. ("ASSIGNEE"), a corporation duly organized and existing under the laws of the District of Columbia and having a place of business at 1300 Pennsylvania Avenue, Washington, DC 20036, desires to acquire the entire right, title, and interest in and to the invention, the above-identified application (the "Application"), any and all applications claiming benefit of the Application, including, but not limited to, all national phase applications, and any continuations, divisions, and continuations-in-part thereof) that may be filed based upon the foregoing Application, and any Letters Patent in any countries or regions to be granted for the invention, and all reissues thereof.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) paid to us by ASSIGNEE and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over TO ASSIGNEE, its successors, legal representatives, and assigns the entire right, title, and interest in and to the invention, the Application, all applications claiming benefit of the Application, including, but not limited to, all national phase applications and any continuations, divisions and continuations-in-part thereof, and all Letters Patent that may be granted in any countries or regions thereon, and all reissues thereof; and we authorize and request the authorities in all such countries to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns;


AND we covenant and agree that we have the full right to convey the entire right, title, and interest herein assigned to ASSIGNEE, and that we have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND we further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, we will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention throughout the world, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns.

IN WITNESS WHEREOF, we have executed this Assignment on the date(s) indicated below.

  
Robert T. DO  
10801 Boswell Lane  
Potomac, MD 20854  
United States of America

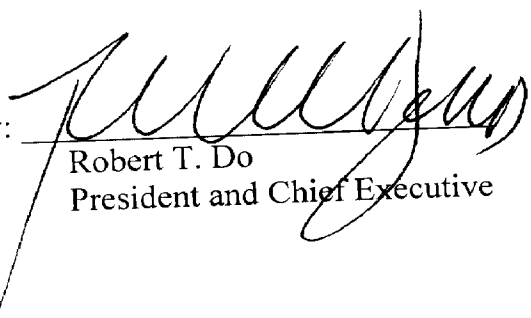
Sep 18, 2001  
Dated

  
Gary L. LEATHERMAN  
274 Dill Avenue  
Frederick, MD 21701  
United States of America

Sep 18, 2001  
Dated

Accepted:

GLOBAL PLASMA SYSTEMS GROUP, INC.

By:   
Robert T. Do  
President and Chief Executive

Sep 18, 2001  
Dated: