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Attorney Docket No. 2267.841US03

FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE  
1/31/92 Patent and Trademark Office

RECORDATION FORM COVER SHEET  
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1-26-04

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

1. Name of conveying party(ies):  
Charles W. Extrand

2. Name and address of receiving party(ies):  
Entegris, Inc.  
3500 Lyman Blvd.  
Chaska, MN 55318

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

Additional name(s) & address(es)  
attached? \_\_\_ Yes X No

3. Nature of conveyance:

X Assignment                      \_\_\_ Merger  
\_\_\_ Other: \_\_\_\_\_

Execution Date(s): January 6, 2004

4. Application number(s) or patent number(s): 10662,979

If this document is being filed together with a new non-provisional application, the execution date of the application is:

A. Patent Application No(s).  
10/662,979

B. Patent No(s).

Additional numbers attached? \_\_\_ Yes X No

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

Customer No. 24113  
Bradley J. Thorson  
Patterson, Thuent, Skaar & Christensen, P.A.  
4800 IDS Center  
80 South 8th Street  
Minneapolis, Minnesota 55402-2100

6. Total number of applications and  
patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00  
X Enclosed  
\_\_\_ Authorized to be charged to deposit  
account

8. Deposit Account Number: 16-0631  
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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.

Bradley J. Thorson  
Name of Person Signing

Bradley J. Thorson  
Signature

Total number of pages comprising cover sheet: 3

1/22/2004

01/29/2004 ECOOPER Pat 00000227 10662979

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PATENT  
REEL: 014925 FRAME: 0597

ASSIGNMENT

WHEREAS, I, Charles W. Extrand, of 408 East Minnehaha Parkway, Minneapolis, MN 55419, of have invented certain new and useful improvements in FUEL CELL WITH ULTRAPHOBIC SURFACES, for which an application for Letters Patent of the United States has been made and which may be identified in the United States Patent Office by Application No. 10/662,979 filed September 15, 2003.

WHEREAS, Entegris, Inc. ("Assignee"), a business entity organized and existing under the laws of the State of Minnesota, and having its principal offices at 3500 Lyman Blvd, Chaska, MN 55318, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to us in hand paid by said Assignee, the receipt of which is hereby acknowledged, I have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, my entire right, title and interest in and to said invention, said provisional/utility application, all applications claiming priority to said provisional/utility application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of my rights under the International Convention, and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

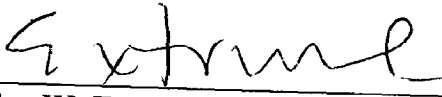
I hereby authorize the above-mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

I further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration I do hereby covenant and agree with the said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set my hand and affixed our seal as dated below.

Date: 1-6-04

Signature:   
Charles W. Extrand