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OMB No. 0651-0027 (exp. 6/30/2005)



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

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

William A. Whittenberger  
Kathleen Ruff, Legal Representative for Richard C. Cornelison,  
deceased

Execution Date(s) 6/29/2004 and 7/21/2004

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

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

Name: Catacel Corp.

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

Street Address: 5950 Eagle Creek Road

City: Leavittsburg

State: Ohio

Country: United States

Zip: 44430

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

**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**4. Application or patent number(s):**

A. Patent Application No.(s)

10/812,506

DTESSEM1 00000036 10812506

40.00 DP

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: William H. Eilberg

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

Street Address: Three Bala Plaza

Suite 501 West

City: Bala Cynwyd

State: PA

Zip: 19004

Phone Number: 215-885-4600

Fax Number: 215-885-4603

Email Address: whe@eilberg.com

**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 2512

Expiration Date 03/2005

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

William H. Eilberg  
Signature

Date

William H. Eilberg

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

**PATENT**  
**REEL: 015665 FRAME: 0690**

### ASSIGNMENT

WHEREAS William A. Whittenberger, a citizen of the United States, having an address at 5950 Eagle Creek Road, Leavittsburg, Ohio 44430, and Richard C. Cornelison, Deceased, formerly residing at 1505 Rockmont Circle, Boulder, Colorado 80305-6822, and a citizen of the United States, and now legally represented by Kathleen Ruff, of 215 Highland Road, Smithers, British Columbia V0J 2N6, Canada, hereinafter collectively referred to as the undersigned, are the joint inventors of the invention entitled HEAT EXCHANGER FOR HIGH-TEMPERATURE APPLICATIONS, for which a U.S. patent application was filed on March 30, 2004, as Application Serial No. 10/812,506, and

WHEREAS Catacel Corp., a corporation of Ohio, having its principal place of business at 5950 Eagle Creek Road, Leavittsburg, Ohio 44430, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in said invention, said application and all letters patent issuing for said invention,

NOW THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration, receipt of which is acknowledged by the undersigned, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's legal representatives the entire right, title and interest, for the United States of America, its territories and possessions, and for all foreign countries, in said invention, said patent application and all divisions, continuations, and continuations-in-part thereof, and in all letters patent, including all reissues, reexaminations, and/or extensions thereof, issuing for said invention, and in all rights of priority which may be claimed from any U.S. or foreign patent application relating to said invention.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, or defense of Letters Patent(s) for said invention, without charge to the undersigned but at the cost and expense of the assignee, and to execute all instruments necessary to carry out the intent of this instrument.

The rights and property herein conveyed by the undersigned are free and clear of any encumbrance.

The undersigned hereby request the Commissioner of Patents and Trademarks, and duly empowered officials in any foreign country, to issue Letters Patent in the United States and foreign countries, respectively, for said invention, in the name of the assignee.

Date: 6/29/04

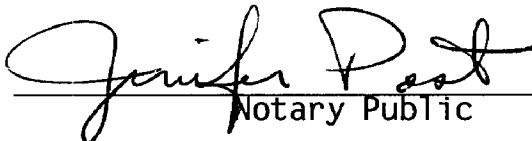
  
William A. Whittenberger

On this 29th day of June, 2004, before me personally appeared William A. Whittenberger, to me known to be the person described in and who executed the foregoing instrument and acknowledged that he executed the same for the purposes therein contained.

Witness my hand and notarial seal the day and year immediately above written.



JENIFER POST  
Notary Public, State of Ohio  
My Commission Expires 11-09-05

  
Notary Public

Date: July 21, 2004

Kathleen Ruff  
Kathleen Ruff  
Legal Representative for  
Richard C. Cornelison, Deceased

On this 21st day of July, 2004, before me personally appeared Kathleen Ruff, to me known to be the person described in and who executed the foregoing instrument and acknowledged that she executed the same for the purposes therein contained.

Witness my hand and notarial seal the day and year immediately above written.

[Signature]  
Notary Public

**B. DEVORA SOLEM**  
**A NOTARY PUBLIC IN**  
**PROVINCE OF BRITISH COLUMBIA**

**B. DEVORA SOLEM**  
**BARRISTER & SOLICITOR**  
**P.O. BOX 790**  
**SMITHERS, B.C. V0J 2N0**

**B. DEVORA SOLEM**  
**A NOTARY PUBLIC IN AND FOR THE**  
**PROVINCE OF BRITISH COLUMBIA**