

03-02-1999

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

1. Name of conveying party(ies):

HNA HOLDINGS, INC. (formerly HOECHST
CELANESE CORPORATION)
Route 202-206 North
Somerville, NJ 08876Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No3. Nature of conveyance: **MRD 3-2-99**☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: December 31, 1998

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

Name: AQF TECHNOLOGIES LLC

Internal Address: _____

Street Address: 13319-A Carowinds Blvd.

City: Charlotte State: NC ZIP: 28273

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)

08/636,102
08/854,623

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Timothy R. Kroboth

Internal Address: _____

Street Address: 5501 Providence Country Club
Drive

City: Charlotte State: NC ZIP: 28277

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41): \$ 80.00

☒ Enclosed☐ Authorized to be charged to deposit accountAny deficiency in fee is authorized to be charged to
8. Deposit account number:

11-1830

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

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01 FC+501 80.00 DP
02 FC+501 120.00 DP

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.

Timothy R. Kroboth
Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 3

ASSIGNMENT OF PATENT RIGHTS

WHEREAS, HOECHST CELANESE CORPORATION, a corporation of the State of Delaware, USA having an office at Route 202-206 North, Somerville, NJ 08876 is the owner of

the entire right, title and interest in and to an Invention disclosed, shown and described in an Application for Letters Patent of the United States entitled HIGH PERFORMANCE, PERMEABLE FIBROUS STRUCTURE, applied for by H. Gunter Groeger on April 22, 1996 and having Serial No. 08/636,102, and in and to a divisional application filed on May 12, 1997 and having Serial No. 08/854,623, the ownership having been acquired through an assignment recorded in the United States Patent and Trademark Office on January 26, 1998, at Reel 8983, Frame 0005, and is as a result of such ownership,

the owner of U.S. Patent No. 5,779,847, which issued on July 14, 1998 from Serial No. 08/636,102, and also

the owner of EP 803,601, designating Belgium, Germany, Spain, France, United Kingdom, Italy, Switzerland and Liechtenstein, and Sweden, published on October 29, 1997, and filed as EP Serial No. 97 106 428.2 on April 18, 1997, claiming priority of such Application, and also

the owner of Japanese No. 102,366/98, which was published on April 21, 1998, and filed as Japanese Serial No. 103486/97 on April 21, 1997, claiming priority of such Application, and also

the owner of Malaysia No. PI 9701741, which was filed on April 22, 1997, claiming priority of such Application, and also

the owner of PCT/US97/06310, which was filed on April 17, 1997 claiming priority of such Application, and was published as WO 97/39835 on October 30, 1997, and also

the owner of Brazil No. PI 9702310-8 based on PCT/US97/06310 and claiming priority of such Application, and also

the owner of Israel No. 122660 based on PCT/US97/06310 and claiming priority of such Application, and also

the owner of Korea No. 97-709532 based on PCT/US97/06310 and claiming priority of such Application, and also

the owner of Mexico No. 980088 based on PCT/US97/06310 and claiming priority of such Application; and is also

the owner of any and all trade secrets necessary to practice said Invention and known by Herbert Gunter Groeger;

WHEREAS, HOECHST CELANESE CORPORATION has changed its name to HNA HOLDINGS, INC. by certificate filed January 2, 1998, in the Office of the Secretary of State of the State of Delaware;

WHEREAS, AQF Technologies LLC, a Delaware limited liability company having a business address of 13319-A Carowinds Blvd., Charlotte, NC 28273 ("ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said Invention and the foregoing patent applications and patent, in furtherance of

certain prior agreements;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, HNA HOLDINGS, INC. does hereby sell, assign and transfer unto ASSIGNEE, its legal representatives, successors and assigns, the entire right, title and interest in and to said Invention for the United States and all foreign countries, and in and to such Application and any and all other applications for Letters Patent which have been or may be filed on said Invention, and in and to any and all priority rights generated by the filing of such Application and said other applications, and in and to any and all patents which have been or may be granted on such Application and said other applications, including any continuations, substitutions, divisions, reissues or renewals thereof, and including in and to said U.S. Serial No. 08/636,102 (the Application), and in and to said U.S. Patent No. 5,779,847, and in and to said U.S. Serial No. 08/854,623, and in and to said EP 803,601 and said EP Serial No. 97 106 428.2, and in and to said Japanese No. 102,366/98 and said Japanese Serial No. 103486/97, and in and to said Malaysia No. PI 9701741, and in and to said PCT/US97/06310, and in and to said Brazil No. PI 9702310-8, and in and to said Israel No. 122660, and in and to said Korea No. 97-709532, and in and to said Mexico No. 980088, and including in and to any and all priority rights generated by the filing of said U.S. Serial No. 08/636,102, of said U.S. Serial No. 08/854,623, of said EP Serial No. 97 106 428.2, and of said Japanese Serial No. 103486/97, of said Malaysia No. PI 9701741, of said PCT/US97/06310, of said Brazil No. PI 9702310-8, of said Israel No. 122660, of said Korea No. 97-709532, and of said Mexico No. 980088, and including in and to said any and all trade secrets, ASSIGNEE to have and hold for its interest, its own use and behalf, the rights and interests herein assigned as fully and entirely as the same would have been held by HNA HOLDINGS, INC. had this Assignment not been made.

HNA HOLDINGS, INC. covenants not to have executed and that it will not execute any assignment of the properties identified herein in conflict herewith.

THIS ASSIGNMENT shall be binding upon the successors, legal representatives and assigns of HNA HOLDINGS, INC.

IN WITNESS WHEREOF this Assignment has been executed and has an effective date of December 31, 1998.

HNA HOLDINGS, INC.

By: Vernon G. Baker, II
Vernon G. Baker, II
Title: Assistant Secretary