

FORM PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

**RECORDATION FORM COVER SHEET**U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office**PATENTS ONLY**

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

1. Name of conveying party(ies):

**GAVIN P. TOWLER****KURT M. VANDEN BUSSCHE**Additional name(s) of conveying party(ies) attached? Yes ☒ No

3. Nature of conveyance:

<input checked="" type="checkbox"/> Assignment	Merger
Security Agreement	Change of Name
Other	

Execution Date: **10/10/98, 10/10/98**

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

Name: **UOP LLC**

Internal address:

Street Address: **25 EAST ALGONQUIN ROAD  
P.O. BOX 5017**City: **DES PLAINES** State: **ILLINOIS** Zip: **60017-5017**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)

**09/210,306**

B. Patent No.(s)

Additional numbers attached? Yes ☒ No

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

Name: **UOP LLC**  
Internal address: **ATTN: JOHN G. TOLOMEI**Street Address: **25 EAST ALGONQUIN ROAD  
P.O. BOX 5017**  
City: **DES PLAINES** State: **ILLINOIS** Zip: **60017-5017**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:

**21-0600**

(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.***MARK GOLDBERG**

Name of Person Signing



Signature

**21 Dec. 2001**

Date

Total number of pages including cover sheet, attachments, and documents: **3**

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

700009467

**PATENT**  
**REEL: 012254 FRAME: 0534**

**ASSIGNMENT**

## Identification of Application:

☐ U.S. Provisional Application No.☒ U.S. Utility Patent Application No.09/210 306Title: WATER GAS SHIFT PROCESS AND APPARATUS FOR PURIFYING HYDROGEN FOR USE WITH FUEL CELLSAttorney Docket No. 103459

Filed: \_\_\_\_\_

WHEREAS, GAVIN P. TOWLER, a citizen of the UNITED KINGDOM, residing in the City of BARRINGTON, in the County of LAKE and State of ILLINOIS; and KURT VANDEN BUSSCHE, a citizen of BELGIUM, residing in the City of LAKE IN THE HILLS, in the County of MC HENRY and State of ILLINOIS; and hereinafter referred to as inventor(s) has/have invented certain new and useful improvements set out in the above-captioned application, and

WHEREAS, UOP LLC, a company organized and existing under the laws of the State of Delaware having a principal place of business at Des Plaines, Illinois, is desirous of acquiring an interest in and to said application, the inventions disclosed therein, and the Letters Patent of the United States that may be issued thereon.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations the receipt of which is hereby acknowledged, said inventors do hereby transfer, set over and assign unto said UOP LLC, its successors and assigns, the entire right, title and interest in, to and under said application; the invention(s) covered thereby; any and all resultant patent or patents thereon; any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, and all foreign rights thereunder including all rights to claim any priority in and to the inventions disclosed therein. Inventors hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventor(s) has/have set his/her signature hereunto on the date specified below.

Signature of: GAVIN P. TOWLER

Date

10th Dec 1998Date Executed  
Application for Letters Patent: 12/10/98State of ILLINOIS  
County of COOK

Before me, on this day, 12/10/98, personally appeared GAVIN P. TOWLER, to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary act and deed for the purposes therein expressed.

SEAL



Darla Jane Kutilek  
Notary Public

Docket # **103459**

Form Revised 6/1/98

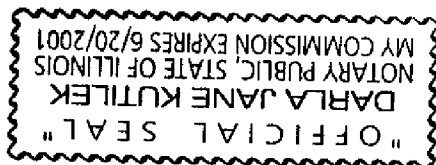
**PATENT**  
**REEL: 012254 FRAME: 0535**

Signature of: *Kurt Vanden Bussche* Date Dec 10, 98 12/10/98  
KURT VANDEN BUSSCHE Date Executed  
Application for Letters Patent

State of ILLINOIS  
County of COOK

Before me, on this day, 12/10/98, personally appeared KURT VANDEN BUSSCHE,  
to me personally known, who duly acknowledged the foregoing instrument to be his/her free and voluntary ac and  
deed for the purposes therein expressed.

SEAL



*Darla Jane Kutilek*  
Notary Public