

Form PTO-1595 (Rev. 10/02) **RECORDATION FORM COVER SHEET** U.S. DEPARTMENT OF COMMERCE
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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):
GAVIN P. TOWLER
KURT M. VANDEN BUSSCHE

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

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: IL Zip: 60017-5017
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
4/17/03, 4/17/03
 Execution Date: _____

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) _____
10/418,589
 Additional numbers attached? Yes No

B. Patent No.(s) _____

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: IL 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

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9. Signature.
ARTHUR E. GOODING Arthur E Gooding 5/8/03
 Name of Person Signing Signature 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

ASSIGNMENT

U.S. Provisional Application

U.S. Utility Patent Application

Attorney Docket No. 108023

WHEREAS, **GAVIN P. TOWLER**, a citizen of UNITED STATES, residing in the City of BARRINGTON, in the County of LAKE and State of ILLINOIS, and **KURT M. VANDEN BUSSCHE**, a citizen of BELGIUM, residing in the City of LAKE IN THE HILLS, in the County of MCHENRY and State of ILLINOIS, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

HYDROGEN-OXYGEN MIXER-SPARGER

WHEREAS, the inventors hereby authorize and request their attorney/agent of record to have inserted on each page (where indicated below) the filing date and application number of said application when known; 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 authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventors have set their signatures hereunto on the date specified below.

Application No. 10/418 589 filed 4-17-03

Atty. Docket # 108023

Gavin P Towler

GAVIN P. TOWLER

4/17/03

Date

4/17/03

Date Executed

Application for Letters Patent

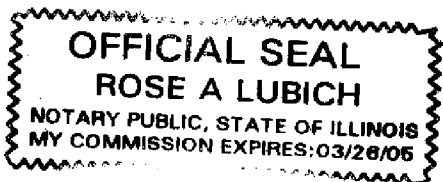
State of Illinois
County of Cook

Before me, on this day, 4/17/03, 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.

Rose A Lubich

Notary Public

SEAL



Kurt M. Vanden Bussche

KURT M. VANDEN BUSSCHE

April 17, 2003

Date

April 17, 2003

Date Executed

Application for Letters Patent

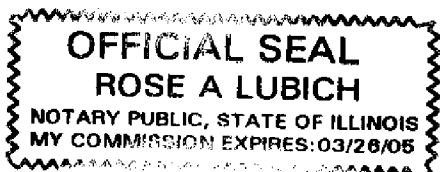
State of Illinois
County of Cook

Before me, on this day, 4/17/03, personally appeared **KURT M. VANDEN BUSSCHE**, 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.

Rose A Lubich

Notary Public

SEAL



Application No. 10/418 589

filed 4-17-03

Atty. Docket # 108023

RECORDED: 05/08/2003

PATENT

(Rev. 03-11-00)

REEL: 013636 FRAME: 0832