


Form PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Duncan E. Akporiaye, Arne Karlsson, Ivar M. Dahl, Rune Wendelbo, Kurt M. Vanden Bussche, Gavin P. Towler, Ralph D. Gillespie Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ 9/17/03, 9/10/03, 9/11/03, 9/9/03, 9/16/03, 10/1/03, 9/24/03 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) _____ 10/649,438 _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: IL Zip: 60017-5017		6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 21-0600			
DO NOT USE THIS SPACE					
9. Signature. Maryann Maas _____ Name of Person Signing  _____ Signature December 9, 2003 _____ Date Total number of pages including cover sheet, attachments, and documents: 6					

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

CH \$40.00 210600 10649438

ASSIGNMENT

☐ U.S. Provisional Application☒ U.S. Utility Patent Application

Attorney Docket No. 108314

WHEREAS, **DUNCAN E. AKPORIAYE**, a citizen of THE UNITED KINGDOM, residing in the City of ARLINGTON HEIGHTS, in the County of COOK and State of ILLINOIS, **ARNE KARLSSON**, a citizen of SWEDEN, residing in the City of OSLO, NORWAY, **IVAR M. DAHL**, a citizen of NORWAY, residing in the City of OSLO, NORWAY, **RUNE WENDELBO**, a citizen of NORWAY, residing in the city of OSLO, NORWAY; **KURT VANDEN BUSSCHE**, a citizen of BELGIUM, residing in the City of LAKE-IN-THE-HILLS, in the County of MCHENRY and State of ILLINOIS, **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 **RALPH D. GILLESPIE**, a citizen of UNITED STATES, residing in the City of GURNEE, in the County of LAKE and State of ILLINOIS and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

PROCESS FOR SIMULTANEOUSLY EVALUATING A PLURALITY OF CATALYSTS

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.

Application No. 10 | 6 4 9 4 3 8 filed 8-27-03

Atty. Docket # 108314

PATENT
(U.S. 03-21-00)
REEL: 014184 FRAME: 0452

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

[Signature]
Signature of **DUNCAN E. AKPORIAYE**

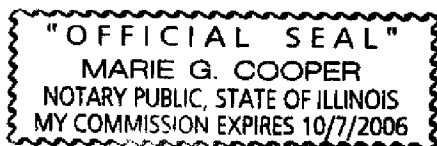
Sep 17th 2003
Date

Sep 17th 2003
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 9/17/03, personally appeared **DUNCAN E. AKPORIAYE**, 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



[Signature]
Notary Public

Arne Karlsson
Signature of **ARNE KARLSSON**

Sept. 10th 2003
Date

Sept. 10th 2003
Date Executed
Application for Letters Patent

Before me, on this date, Sept 10th 2003, personally appeared **ARNE KARLSSON**, 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.

WITNESS:

BENTE VIGERUST
Printed Name
[Signature]
Signature

ADDRESS:

Caroline Overlands vei 31
N-1356 Bekkestua.

Application No. 10 | 649 438 filed 8-27-03

Atty. Docket # 108314

PATENT
(REV. 03-21-00)
REEL: 014184 FRAME: 0453

Ivar M Dahl Sept. 11th 2003 Sept. 11th 2003
Signature of IVAR M. DAHL Date Date Executed
Application for Letters Patent

Before me, on this date, _____, personally appeared **IVAR M. DAHL**, 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.

WITNESS: ELISABETH M. MYHRVOLD
Printed Name

Elisabeth M. Myhrvold
Signature

ADDRESS: VOLL TERRASSE 19
1358 JAR
NORWAY

Rune Wendelbo Sept. 9th 2003 Sept. 9th 2003
Signature of RUNE WENDELBO Date Date Executed
Application for Letters Patent

Before me, on this date, Sept 9th 2003, personally appeared **RUNE WENDELBO**, 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.

WITNESS: BENTE VIGERUST
Printed Name

Bente Vigerust
Signature

ADDRESS: Caroline Overlands vei 31
N-1356 Bekkestua

Application No. 10| 649 438 filed 8-27-03

Atty. Docket # 108314

PATENT
(REV. 03-21-00)
REEL: 014184 FRAME: 0454

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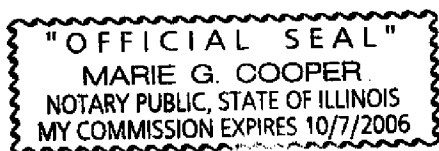
Kurt M. Vanden Bussche 9/16/03
 Signature of **KURT M. VANDEN BUSSCHE** Date

9/16/03
 Date Executed
 Application for Letters Patent

State of Illinois
 County of Cook

Before me, on this day, 16th September 2003, 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.

SEAL



Marie G. Cooper
 Notary Public

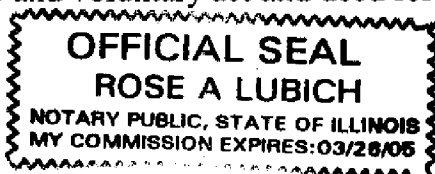
Gavin P. Towler Oct 1, 2003
 Signature of **GAVIN P. TOWLER** Date

Oct 1, 2003
 Date Executed
 Application for Letters Patent

State of Illinois
 County of Cook

Before me, on this day, 10-1-03, 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.

SEAL



Rose A. Lubich
 Notary Public

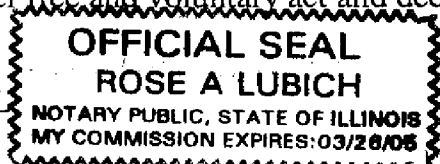
Ralph D. Gillespie 9/24/2003
 Signature of **RALPH D. GILLESPIE** Date

9/24/2003
 Date Executed
 Application for Letters Patent

State of Illinois
 County of Cook

Before me, on this day, 9-24-03, personally appeared **RALPH D. GILLESPIE**, 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



Rose A. Lubich
 Notary Public

Application No. 649 438 filed 8-27-03

Atty. Docket # 108314

RECORDED: 12/09/2003

PATENT (Rev. 03-21-00)
 REEL: 014184 FRAME: 0455