

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):

DUNCAN E. AKPORIAYE
ARNE KARLSSON
IVAR M. DAHL
RUNE WENDELBO
KURT M. VANDEN BUSSCHE
GAVIN P. TOWLERAdditional name(s) of conveying party(ies) attached? Yes XXX No

3. Nature of conveyance:

XXX Assignment Merger
Security Agreement Change of Name
OtherExecution Date: 11/30/99, 11/30/99, 11/30/99,
11/30/99, 12/7/99, 12/8/99

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 XXX 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)

09/464,313

B. Patent No.(s)

Additional numbers attached? Yes XXX No

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

Name: UOP LLC
Internal address: ATTN: JOHN G. TOLOMEIStreet Address: 25 EAST ALGONQUIN ROAD
P.O. BOX 5017
City: DES PLAINES State: ILLINOIS Zip: 60017-50176. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00
Enclosed
XXX Authorized to be charged to deposit account

8. Deposit account number:

21-0600

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

DO NOT USE THIS SPACE

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.

MARYANN MAAS

Name of Person Signing



Signature

27 Nov. 2001

Date

Total number of pages including cover sheet, attachments, and documents: 5Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

700008886

PATENT
REEL: 012189 FRAME: 0195

ASSIGNMENT

☐ U.S. Provisional Application☒ U.S. Utility Patent ApplicationAttorney Docket No. 104356

WHEREAS, DUNCAN E. AKPORIAYE, a citizen of THE UNITED KINGDOM residing in the City of OSLO, NORWAY; 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 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 GAVIN P. TOWLER, a citizen of THE UNITED KINGDOM, residing in the City of BARRINGTON, in the County of LAKE, and State of ILLINOIS; 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.

Serial No. _____

09/464 313

filed _____

12-15-99

Atty. Docket No. 104356

PATENT Page 1 of 4
REEL: 012189 FRAME: 0196

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


Signature of DUNCAN E. AKPORIAYE

30-11-99
Date

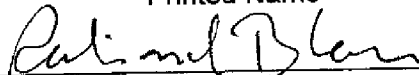
30-11-99
Date Executed
Application for Letters Patent

Before me on this date 30/11-99 personally appeared DUNCAN E. AKPORIAYE, to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act and deed for the purposes therein expressed.

WITNESS:

RICHARD BLOM

Printed Name


Signature

ADDRESS:

SØRBYHAUGEN 30

0377 OSLO

NORWAY

Arne Karlsson
Signature of ARNE KARLSSON

30-11-99
Date

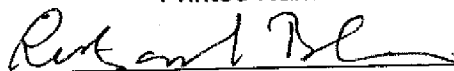
30-11-99
Date Executed
Application for Letters Patent

Before me on this date 30/11-99 personally appeared ARNE KARLSSON, to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act and deed for the purposes therein expressed.

WITNESS:

RICHARD BLOM

Printed Name


Signature

ADDRESS:

SØRBYHAUGEN 30

0377 OSLO

NORWAY

Serial No.

09/464 313

filed

12-15-99

Atty. Docket No. 104356

PATENT Page 2 of 4
REEL: 012189 FRAME: 0197

Ivar M Dahl 30-11-99 30-11-99
 Signature of IVAR M. DAHL Date Date Executed
 Application for Letters Patent

Before me on this date 30/11-99 personally appeared IVAR M. DAHL,
 to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act
 and deed for the purposes therein expressed.

WITNESS: RICHARD BLOM
 Printed Name
Richard Blom
 Signature

ADDRESS: SØRBYHAUGEN 30
0377 OSLO
NORWAY

Rune Wendelbo 30-11-99 30-11-99
 Signature of RUNE WENDELBO Date Date Executed
 Application for Letters Patent

Before me on this date 30/11-99 personally appeared RUNE WENDELBO,
 to me personally known, who duly acknowledged the foregoing instrument to be his free and voluntary act
 and deed for the purposes therein expressed.

WITNESS: RICHARD BLOM
 Printed Name
Richard Blom
 Signature


ADDRESS: SØRBYHAUGEN 30
0377 OSLO
NORWAY

Serial No. 09/464 313 filed 12-15-99

Kurt M. Vandenburg Dec 7, 99 Dec 7, 99
Signature of KURT M. VANDEN BUSSCHE Date Date Executed
Application for Letters Patent

State of Illinois
County of Cook

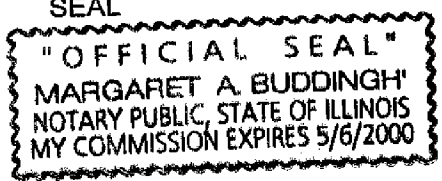
Before me, on this day, 12/7/99, personally appeared KURT M. VANDEN BUSSCHE,
to me personally known, who duly acknowledged the foregoing instrument to be his/her free and volur tary
act and deed for the purposes therein expressed.

SEAL  Marie G. Cooper
Notary Public

G. P. Towler 12/8/99 12/8/99
Signature of GAVIN P. TOWLER Date Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 12/8/99, personally appeared GAVIN P. TOWLER,
to me personally known, who duly acknowledged the foregoing instrument to be his/her free and volu ntary
act and deed for the purposes therein expressed.

SEAL  Margaret A. Buddingh
Notary Public

Serial No. 09/464 313 filed 12-15-99