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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101010872

To the Honorable Commissioner of Patents and Trademarks.

and original documents or copy thereof.

## 1. Name of conveying party(ies):

DAVID A. LOMAS

4.8.99

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

## 3. Nature of conveyance:

XXX

Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: 12/4/97

## 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)

08/985,987

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: THOMAS K. MCBRIDE

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

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)

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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.*

JOHN G. TOLOMEI

Name of Person Signing

Signature

6 APRIL 99

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 &amp; Trademarks, Box Assignments

Washington, D.C. 20231

PATENT  
REEL: 9878 FRAME: 0383

# ASSIGNMENT

WHEREAS, DAVID A. LOMAS, 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 inventors have invented certain new and useful improvements entitled FCC PROCESS WITH SHORT PRIMARY CONTACTING AND CONTROLLED SECONDARY CONTACTING for which inventor is about to file a United States provisional patent application and/or an application for Letters Patent of the United States, bearing docket number 101038-JGT; 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(s), the invention(s) 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 inventor(s) does/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 provisional application and/or application for Letters Patent, and the invention(s) covered thereby, and the resultant patent or patents thereon, or any renewals, reissues, extensions, reexaminations, substitutions, continuations, or divisions thereof, including all foreign rights thereunder, all such inventions as fully set forth and described in the United States provisional patent application and/or the application for Letters Patent of the United States executed by inventor(s) on the date specified below. Inventor(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said UOP LLC, its successors and assigns.

IN WITNESS WHEREOF, the inventor has set his signature hereunto on the date specified below.

David A. Lomas      4 Dec 1997      12/4/97  
Signature of: DAVID A. LOMAS      Date      Date Executed  
Application for Letters Patent

State of ILLINOIS

County of COOK

Before me, on this day, 12/4/97, personally appeared DAVID A. LOMAS, 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

Revised 10/21/97

RECORDED: 04/08/1999

PATENT **985 987**  
REEL: 9878 FRAME: 0384