04/02/02 TUE 08:33 FAX 847 391 2387 UOP PATENT DPT. RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office (Rev. 6-93) PATENTS ONLY OMB No. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): TOM N. KALNES Name: **UOP LLC** Internal address: VASANT P. THAKKAR 25 EAST ALGONQUIN ROAD Street Address: XXX No P.O. BOX 5017 Additional name(s) of conveying party(ies) attached? Yes 3. Nature of conveyance: City: DES PLAINES State: ILLINOIS Zip:60017-5017 XXX Assignment Merger Change of Name Security Agreement Other Additional name(s) & address(es) attached?! Yes XXX No Execution Date: 10/10/00, 10/10/00 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: B. Patent No.(s) A. Patent Application No.(s) 09/692.970 Additional numbers attached? Yes XXX No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: **UOP LLC** Name: Internal address: ATTN: JOHN G. TOLOMEI \$40.00 7. Total fee (37 CFR 3.41) Enclosed XXX Authorized to be charged to deposit account **25 EAST ALGONQUIN ROAD** Street Address: 8. Deposit account number: P.O. BOX 5017 City: DES PLAINES State: ILLINOIS Zip: 60017-5017 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.

JOHN G. CUTTS, JR.

Name of Person Signing

2 APRIL 2002

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

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## **ASSIGNMENT**

U.S. Provisional Application	X	U.S. Utility Patent Application
Attorney Docket No. 103560		
WHEREAS, TOM N. KALNES, a citizen of residing in the City of LA GRANGE, in the County of VASANT P. THAKKAR, a citizen of THE UNITED SCITY OF ELK GROVE VILLAGE, in the County of hereinafter referred to as "the inventors" have invented of A METHOD TO PRODUCE LU	of <u>CO</u> STAT <u>COC</u> certain	OK, and State of <u>ILLINOIS</u> ; and <u>ES OF AMERICA</u> , residing in the <u>DK</u> , and State of <u>ILLINOIS</u> ; and n new and useful improvements in
WHEREAS, the inventors hereby authorize and have inserted on each page (where indicated below) the said application when known; and	l requ he fil	lest their attorney/agent of record to ing date and application number of
WHEREAS, UOP LLC, a company organized a Delaware having a principal place of business at Des Plinterest in and to said application, the inventions discluding United States that may be issued thereon.	laines	, Illinois, is desirous of acquiring an
NOW, THEREFORE in consideration of the su and valuable considerations the receipt of which is hereby transfer, set over and assign unto said UOP LI right, title and interest in, to and under said application; all resultant patent or patents thereon; any renewal substitutions, continuations, or divisions thereof, and a rights to claim any priority in and to the inventions distand request the Commissioner of Patents and Tradem UOP LLC, its successors and assigns.	hereb LC, it the in ls, re all for closec	y acknowledged, said inventors do ts successors and assigns, the entire nvention(s) covered thereby; any and sissues, extensions, reexaminations, reign rights thereunder including all d therein. Inventors hereby authorize

Application No. 09/692 970 filed 10-23-2000

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

Attorney Docket No. 103560

specified below.

PATENT REEL: 012541 FRAME: 0802

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Tom n. Kalnes	10-10-00	10/10/2000
TOM N. KALNES	Date	Date Executed Application for Letters Patent
State of Illinois County of Cook		
Before me, on this day, <u>10 - 10</u> to me personally known, who duly acknow voluntary act and deed for the purposes the	vledged the foregoing i rein expressed.	nstrument to be his/her free an
SEAL "OFFICIAL SEAL"  NOTIFIC IN DOROTHY GRIESMEYER  SETTE OF COMMISSION EXPIRES 06/25/04	Fynn Word	Motary Public
SENET.		
	10-10-2009	10/10/2000
V. P. O hells VASANT P. THAKKAR	<u> 10 ~ 10 ~ 20 0 9</u> Date	10/10/2000  Date Executed Application for Letters Patent
V. P. Dhebis		Date Executed
V. P. Dheks VASANT P. THAKKAR State of Illinois	Date <u>OO</u> , personally app wledged the foregoing	Date Executed Application for Letters Patent eared VASANT P. THAKKA

09/692 970 Application No.

filed 10-23-2000

Attorney Docket No. 103560

**RECORDED: 04/02/2002** 

PATENT Form Revised:3/21/00 REEL: 012541 FRAME: 0803