

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
DENNIS E O'BRIEN		09/27/2006
JOSEPH E ZIMMERMANN		09/26/2006
DOUGLAS G STEWART		09/26/2006
RECEIVING PARTY DATA		
Name:	UOP LLC	
Street Address:	25 E ALGONQUIN ROAD	
Internal Address:	PATENT DEPARTMENT	
City:	DES PLAINES	
State/Country:	ILLINOIS	
Postal Code:	60017	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11541157	
CORRESPONDENCE DATA		
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
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Address Line 4:	Morristown, NEW JERSEY 07962	
ATTORNEY DOCKET NUMBER:	UOP110202	
NAME OF SUBMITTER:	JAMES C PASCHALL	

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PATENT
REEL: 018551 FRAME: 0417

Total Attachments: 4

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PATENT

REEL: 018551 FRAME: 0418

ASSIGNMENT

U.S. Utility Patent Application

Attorney Docket No. 110202

WHEREAS, Dennis E. O'BRIEN, a citizen of the United States of America, residing in the City of Arlington Heights, in the County of Cook and State of Illinois, Joseph E. ZIMMERMANN, a citizen of the United States of America, residing in the City of Arlington Heights, in the County of Cook and State of Illinois, and Douglas G. STEWART, a citizen of the United States of America, residing in the City of Wheeling, in the County of Cook and the State of Illinois, and hereinafter referred to as "the inventors" have invented certain new and useful improvements in

PROCESS FOR RECOVERING THERMAL ENERGY FROM A REACTOR EFFLUENT STREAM

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. 11 541,157 filed 9-29-06

Atty. Docket # 110202

(Rev. 03-21-00)

PATENT
REEL: 018551 FRAME: 0419

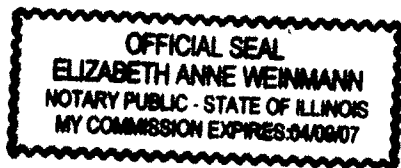
IN WITNESS WHEREOF, the inventors have set their signatures hereunto on the date specified below.

Dennis E. O'Brien 9/27/2006^{DEO} 9/27/2006
Dennis E. O'BRIEN Date Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, DENNIS O'BRIEN, personally appeared Dennis E. O'BRIEN, 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] 9/27/06
Notary Public

Joseph E. ZIMMERMANN Date Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, _____, personally appeared Joseph E. ZIMMERMANN, 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

Notary Public

Application No. 11541,157 filed 9-29-06

Atty. Docket # 110202

(Rev. 03-21-00)

PATENT
REEL: 018551 FRAME: 0420

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

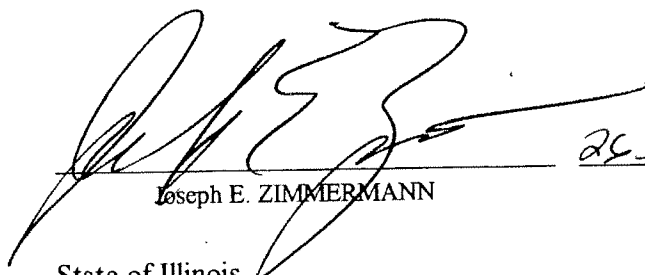
_____	_____	_____
Dennis E. O'BRIEN	Date	Date Executed
		Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, _____, personally appeared Dennis E. O'BRIEN, 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

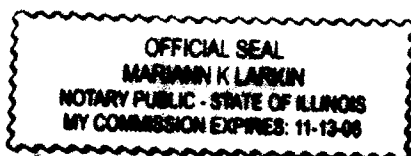
Notary Public

	<u>25 Sept. 2006</u>	<u>26 Sept. 2006</u>
Joseph E. ZIMMERMANN	Date	Date Executed
		Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 26 Sept 2006, personally appeared Joseph E. ZIMMERMANN, 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




Notary Public

Application No. 11/541,157 filed 9-29-06

Atty. Docket # 110202

(Rev. 03-21-00)

PATENT
REEL: 018551 FRAME: 0421

Douglas G. Stewart
Douglas G. STEWART

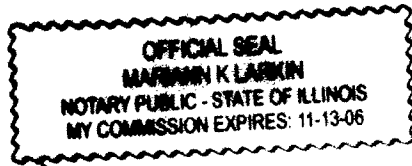
26 SEP 06
Date

26 SEP 06
Date Executed
Application for Letters Patent

State of Illinois
County of Cook

Before me, on this day, 26 Sept 2006, personally appeared Douglas G. STEWART, 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

Application No. 11/541,157 filed 9-29-06

Atty. Docket # 110202

(Rev. 03-21-00)

PATENT

RECORDED: 11/27/2006

REEL: 018551 FRAME: 0422