

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| | |
|--|-----------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Alberta Science and Research Authority | 03/30/2006 |
| RECEIVING PARTY DATA | |
| Name: | UMA Engineering Ltd. |
| Street Address: | 2540 Kensington Road N.W. |
| City: | Calgary |
| State/Country: | CANADA |
| Postal Code: | T2N 3S3 |
| PROPERTY NUMBERS Total: 3 | |
| Property Type | Number |
| Patent Number: | 5217578 |
| Patent Number: | 5366596 |
| Patent Number: | 5607577 |
| CORRESPONDENCE DATA | |
| Fax Number: | (403)203-0403 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | (403) 203-0107 |
| Email: | sean@patentfile.com |
| Correspondent Name: | Goodwin McKay |
| Address Line 1: | 602 - 12th Avenue S.W., Suite 222 |
| Address Line 4: | Calgary, CANADA T2R 1J3 |
| ATTORNEY DOCKET NUMBER: | 2058-003-005-006 |
| NAME OF SUBMITTER: | Sean W. Goodwin |
| Total Attachments: 2 | |
| source=Assignment ASRA to UMA Eng#page1.tif | |

OP \$120.00 5217578

500107355

PATENT
REEL: 017656 FRAME: 0819

ASSIGNMENT

We, **ALBERTA SCIENCE AND RESEARCH AUTHORITY**, whose full post office address is 250 Karl Clark Road, Edmonton, Alberta, Canada, T6N 1E4, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby assign to **UMA ENGINEERING LTD.**, whose full post office address is 2540 Kensington Road N.W., Calgary, Alberta, Canada, T2N 3S3, all our right title and interest in and to the patents listed on Schedule A attached hereto.

SIGNED AT ¹² 30 Edmonton, this 30 day of March, 2006.

ALBERTA SCIENCE AND RESEARCH AUTHORITY

By: *Keith Salmon*

Capacity: CFO

Spinks
WITNESS

CERTIFICATE OF WITNESS

I acknowledge that I was personally present and did see Keith Salmon, who is personally known to me to be the authorized signatory of Alberta Science and Research Authority, duly execute the above assignment on the date therein set forth.

Signature of Witness *Spinks*

Name of Witness *Lisa Spinks*

Address of Witness *250 Karl Clark Road, Edmonton, AB.*

{EM160343.DOC;1}

SCHEDULE A

DRY THERMAL PROCESSOR

| | |
|----------------------------------|------------------------|
| Canadian Patent 1,331,573 | Issued August 23, 1994 |
| * United States Patent 5,217,578 | Issued June 8, 1993 |
| Australian Patent 637,792 | Granted April 9, 1990 |

IMPROVED DRY THERMAL PROCESSOR

| | |
|----------------------------------|----------------------------|
| Canadian Patent 2,124,224 | Issued – September 1, 1998 |
| * United States Patent 5,366,596 | Issued November 22, 1994 |

**PREVENTION OF SULFUR GAS EMISSIONS FROM A ROTARY PROCESSOR
USING LIME ADDITION**

| | |
|---------------------------|----------------------|
| Canadian Patent 2,109,176 | Issued June 16, 1998 |
| * U.S. Patent 5,607,577 | Issued March 4, 1997 |

DECONTAMINATION OF SOIL CONTAINING CHLORINATED AROMATICS

| | |
|---------------------------|-------------------------|
| Canadian Patent 2,054,122 | Issued November 5, 1996 |
|---------------------------|-------------------------|