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RECORDATION FORM CO
PATENTS OI



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Steven M. Kuznicki,, Alejandro Anson, Christopher C. H. Lin and Patricio S. Herrera

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 01/14/2009, 02/24/2009, 01/14/2009, and

☒ Assignment ☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

2. Name and address of receiving party(ies)

Name: THE GOVERNORS OF THE UNIVERSITY OF ALBERTA

Internal Address:

Street Address: 222 Campus Tower

8625 - 112 Street

City: Edmonton

State: Alberta

Country: Canada

Zip: T6G 2E1

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12660557

Additional numbers attached? ☐ Yes ☒ No

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

Name: Kenneth H Johnson

Internal Address:

Street Address: P.O. Box 630708

City: Houston

State: Texas

Zip: 77263

Phone Number: 713-780-7047

Fax Number: 713-780-7671

Email Address: kenneth-h.johnson@sbglobal.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature:

Signature

KENNETH H. JOHNSON

Name of Person Signing

02/25/2010
Date

Total number of pages including cover sheet, attachments, and documents:

16

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

NOTARIAL CERTIFICATE

CANADA)
PROVINCE OF ALBERTA)

I, Trevor Trott, a Notary Public in and for the Province of Alberta, Canada

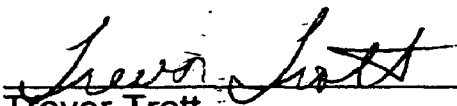
CERTIFY THAT:

The attached document is a true copy of an Assignment executed by the inventors Steven M. Kuznicki, Christopher C. H. Lin and Patricio S. Herrera, assigning all right, title and interest in and to the invention "Removal of Carbon Dioxide from Paraffins" to The Governors of the University of Alberta.

IN TESTIMONY WHEREOF, I have subscribed my name and affixed my seal of office at the City of Calgary, in the Province of Alberta, Canada, effective the 22 day of February 2010.

Signed this 22 day of February 2010)
In the City of Calgary, Alberta, Canada)

I ATTEST


Trevor Trott
Notary Public in and for the
Province of Alberta

WORLD-WIDE ASSIGNMENT

In consideration of (\$1.00) One Dollar and other good and valuable consideration, the receipt whereof is hereby acknowledged, we,

Steven M. Kuznicki, a United States citizen, residing at 10947-89 Avenue,
Edmonton, Alberta, Canada, T6G 0Z4;

Alejandro Anson, a Spanish citizen, residing at Instituto de Carboquimica, CSIC,
Miguel Luesma Castan 4, 50018 Zaragoza, Spain;

Christopher C. H. Lin, a Canadian citizen, residing at 1701, 10180-104 Street,
Edmonton, Alberta, Canada, T5J 1A7; and

Patricio S. Herrera, a Canadian citizen residing at 3916 Brantford Drive N.W.,
Calgary, Alberta, Canada, T2L 1H9

do hereby sell, assign and transfer to **The Governors of the University of Alberta**, a corporation under the Universities Act RSA 1980, whose full post office address is 222 Campus Tower, 8625 - 112 Street, Edmonton, Alberta, Canada, T6G 2E1, its successors and assigns, all our right, title and interest in and to our invention entitled:

"Removal of Carbon Dioxide from Paraffins"

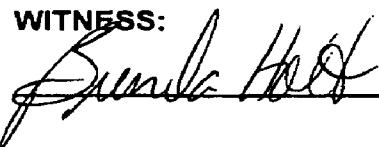
in the United States and in all other countries of the world.

We further undertake to execute without further consideration all lawful papers, all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to assist and enable the said **The Governors of the University of Alberta**, its successors, assigns and nominees, to obtain and enforce proper patent protection for the said invention.

This indenture shall be binding upon and enure to the benefit of the heirs, executors, administrators, successors and assigns, respectively, of the parties hereto.

SIGNED in the City of Edmonton, in the Province of Alberta, this 14 day of January,
2009.

WITNESS:




Steven M. Kuznicki

AFFIDAVIT OF EXECUTION

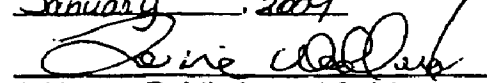
I, BRENDA HOLT, whose full post office address is

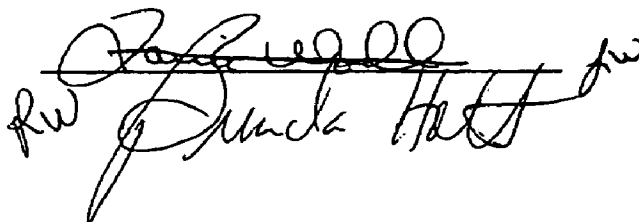
#4000, 10230-Jasper Avenue, Edmonton, AB T5J 4P6 Canada

MAKE OATH AND SAY:

That I was personally present and did see **Steven M. Kuznicki** who is personally known to me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City)
of Edmonton, in the Province of)
Alberta, this 15 day of)
January, 2009)


A Notary Public in and for the
Province of Alberta



SIGNED in the City of _____, in the Country of _____, this _____ day of _____.

WITNESS:

Alejandro Anson

AFFIDAVIT OF EXECUTION

I, _____, whose full post office address is _____

MAKE OATH AND SAY:

That I was personally present and did see **Alejandro Anson** who is personally known to me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City _____)
of _____, in the country of _____)
_____ this _____ day of _____)
_____)
_____)

A Notary Public

SIGNED in the City of Edmonton, in the Province of Alberta, this 14 day of January, 2009.

WITNESS:

Brenda Holt

Christopher C. H. Lin
Christopher C. H. Lin

AFFIDAVIT OF EXECUTION

I, BRENDA HOLT, whose full post office address is
#4000, 10230 Jasper Avenue, Edmonton AB T5J 4P6 Canada

MAKE OATH AND SAY:

That I was personally present and did see **Christopher C. H. Lin** who is personally known to me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City _____)
of Edmonton, in the Province of _____)
Alberta, this 15 day of _____)
January, 2009)

A Notary Public in and for the
Province of Alberta

Brenda Holt

SIGNED in the City of Calgary, in the Province of Alberta, this 3 day of March, 2009.

WITNESS:

Marian Hanson

Patricio S. Herrera
Patricio S. Herrera

AFFIDAVIT OF EXECUTION

I, Marian Hanson, whose full post office address is c/o NOVA
Chemicals Corporation, 2928 - 16 Street NE, Calgary, Alberta, Canada, T2E 7K7

MAKE OATH AND SAY:

That I was personally present and did see **Patricio S. Herrera** who is personally known to
me to be the person named in this assignment duly sign and execute the same.

SWORN before me at the City)
of Calgary, in the Province of)
Alberta, this 3 day of)
March, 2009)

Marian Hanson

Heidi J. Lott
A Notary Public in and for the
Province of Alberta

NOTARIAL CERTIFICATE

CANADA)
PROVINCE OF ALBERTA)

I, Trevor Trott, a Notary Public in and for the Province of Alberta, Canada

CERTIFY THAT:

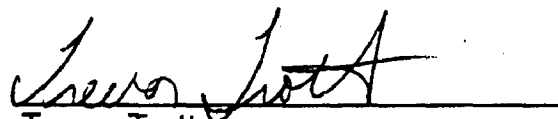
The attached documents are:

- 1) A true copy an Assignment in the Spanish language executed by the inventor Alejandro Anson, assigning all right, title and interest in and to the invention "Removal of Carbon Dioxide from Paraffins" to The Governors of the University of Alberta; and
- 2) a true copy of the English translation of the relevant portions of the Assignment, signed by the translator.

IN TESTIMONY WHEREOF, I have subscribed my name and affixed my seal of office at the City of Calgary, in the Province of Alberta, Canada, effective the 22 day of February 2010.

Signed this 22 day of February 2010)
In the City of Calgary, Alberta, Canada)

I ATTEST



Trevor Trott
Notary Public in and for the
Province of Alberta

WORLD-WIDE TRANSFER

In exchange for one dollar (\$1.00) and other valuable compensations, which I acknowledge receiving in this act, I,

Alejandro Anson Casaos, a citizenship of Spain, with DNI 20240909N, and an address at the Instituto de Carboquimica, CSIC, Number 4 on Miguel Luesma Castan Street, 50018 Zaragoza, Spain,

Sell and assign to **The Governors of the University of Alberta**, a corporation ruled by the Universities Act (Universities Act RSA 1980), having a postal address at 222 Campus Tower, 8625-112 Street, Edmonton, Alberta, Canada, T6G 2E1, to its successors and assignees, all my rights, titles, and gains on the invention entitled:

"Removal of Carbon Dioxide from Paraffin"
(Eliminacion de Dioxido de Carbono de Parafinas)

In the United States of America, and in the rest of the world.

I also take on the responsibility to fulfill without additional compensation all legal documents and all requests related to partitions, extensions and publications, to make all legitimate undertakings, and in general to accomplish all what it is possible to assist the corporation **The Governors of the University of Alberta**, to its successors and assignees, to obtain and execute the appropriate protection for the patent assigned to the referred invention.

This official document will be valid and relevant for the benefit of the heirs, executors, administrators, successors and assignees, respectively, of all the parties concerned.

SIGNED in the city of Zaragoza, Spain, on February 24th, 2009.

WITNESS:

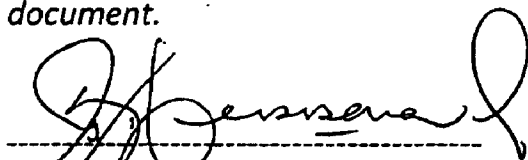
(Illegible signature)

(Illegible signature)

FRANCISCO JAVIER PASCUAL ARANZANA

Alejandro Anson Casaos

I state that the translation of this page is a fair and true representation of the Spanish document.


Translator: Patricio S. Herrera

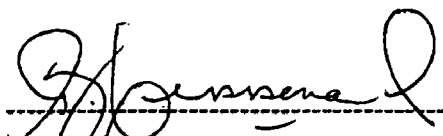
Calgary, February 12th, 2010

8Y8859178

IT IS AN AUTHENTIC COPY of the original, which resides in my general archive of public documents, with which agrees in contents and record number and where its publication is registered. The document is issued to the petitioners on four pages of stamped paper solely used for notarial documents, series 8Y, numbers 8859181 and the three preceding in correlative order, which I sign, stamp and seal in Zaragoza, on February twenty-fifth of two thousand and nine. I OFFICIALLY CERTIFY

Illegible signature

I state that the translation of this page is a fair and true representation of the Spanish document.


Translator: Patricio S. Herrera

Calgary, February 12th, 2010

PROTOCOLO N° 381

FECHA: 24 de Febrero de 2.009

Escritura de:

ELEVACION A PUBLICO DE DOCUMENTOS PRIVADOS

Otorgada por:

**DON ALEJANDRO ANSON CASAOS Y
DON FRANCISCO JAVIER PASCUAL ARANZANA**

PATENT

REEL: 024069 FRAME: 0880

8Y8859181

05/2008



FRANCISCO JAVIER HIAS FERNANDEZ
NOTARIO
Paseo Independencia, 37
Telfs. 23 77 96 - 23 77 97
50001 ZARAGOZA

-----ELEVACIÓN A PUBLICO DE DOCUMENTOS PRIVADOS-----

- NUMERO TRESCIENTOS OCHENTA Y UNO.-----

- En Zaragoza, mi residencia a veinticuatro de Febrero del año dos mil nueve.-----

- Ante mí, FRANCISCO JAVIER HIJAS FERNANDEZ, Notario del Ilustre Colegio de Aragón.-----

-----COMPARECEN:-----

DON ALEJANDRO ANSON CASAOS, mayor de edad, soltero, vecino de Zaragoza, con domicilio en calle Mariana Pineda, número 21, y con D.N.I. N.I.F. número 20.240.909-N.-----

Y DON FRANCISCO-JAVIER PASCUAL ARANZANA, mayor de edad, soltero, vecino de Zaragoza, con domicilio en Avenida María Zambrano, número 10 y con D.N.I. N.I.F. número 17.750.317-K.-----

Identifico a los comparecientes por los documentos nacionales de identidad relacionados.-----

INTERVIENEN, en su propio nombre y derecho, haciéndolo el último como testigo del contrato que se eleva a público.-----

PATENT

REEL: 024069 FRAME: 0881

Tienen a mi juicio la capacidad y legitimación legales necesarias para otorgar la presente escritura de **ELEVACIÓN A PÚBLICO DE DOCUMENTOS PRIVADOS**, a cuyo fin: -----

-----**EXPONEN:**-----

I.- Que mediante contratos firmados en Zaragoza, por don ALEJANDRO ANSON CASAOS, con fecha 24 de Febrero de 2009, se ha hecho transferencia y transferencia para el ámbito mundial a cambio de un dólar y otras compensaciones, de todos los derechos títulos e intereses que en y sobre el invento titulado "Removal of Carbon Dioxide from Paraffins" (Eliminación de Dióxido de Carbono para Parafinas), ostenta don Alejandro Anson Casaos. -----

Dichos contratos que suponen aceptación de los firmados por la otra parte contratante "The Governors of the University of Alberta", el 15 de Enero de 2009, en la Ciudad de Edmonton, me son entregados firmados por el titular de los derechos, Sr. Anson Casaos, y el testigo don Francisco-Javier Pascual Aranzana. Se hallan extendidos en un folio de papel común cada uno de ellos (el de transferencia y el de transferencia para ámbito mundial), y los dejo unidos a esta escritura. -----

8Y8859180

05/2008



II.- Y en su consecuencia,-----

-----OTORGAN:-----

Que, don Alejandro Anson Casao, ELEVA A PUBLICO los referidos contratos protocolizados en la presente, haciendo yo, el Notario, constar que han sido firmados a mi presencia, y por tanto legitimando la firma que obra en los mismos.-----

El Notario autorizante les informa de que sus datos personales quedan incorporados a los diferentes ficheros de datos de carácter personal de esta Notaria, para el estricto cumplimiento de las funciones notariales, pudiendo ejercitar los derechos que le corresponden conforme a la LOPD de esta oficina. Dichos datos no serán cedidos a ningún tipo de organización, ni pública ni privada, salvo en los casos que establece la Orden del Ministerio de Justicia 484/2003.-----

-----OTORGAMIENTO Y AUTORIZACION-----

Así lo dicen y otorgan los comparecientes a quienes hago de palabra las reservas y advertencias

PATENT

REEL: 024069 FRAME: 0883

legales; y a efectos fiscales les advierto de las obligaciones y responsabilidades tributarias que les atañen en su aspecto material, formal y sancionador y de las consecuencias de toda índole que se derivarían de la inexactitud de sus declaraciones.

Leo esta escritura a los comparecientes, advertidos y renunciando a su derecho de hacerla por sí, y, prestando su consentimiento al contenido de la misma, firman conmigo, el Notario, que doy fe del que el consentimiento ha sido libremente prestado, que el otorgamiento se adecua a la legalidad y a la voluntad debidamente informada de los otorgantes y, en cuanto sea procedente, del contenido de este instrumento público, extendido en dos folios de papel timbrado del Estado de uso exclusivo notarial, de la serie 8Y, números 8849450 y el presente, uniendo el folio de la misma serie, número 8857501 para la anotación de la expedición de copias. Firmados: Están las firmas de los comparecientes. Signado: Francisco J. Hijas

Fernández. Rubricado y sellado.

-----HONORARIOS-----

BASE DE CALCULO: 1,00 EUROS.

ARANCEL N° 2 Y COMPLEMENTARIOS.

TOTAL 116,15 EUROS.

8Y8859179

05/2008



TRANSFERENCIA PARA EL AMBITO MUNDIAL

A cambio de Un Dólar (\$1.00) y otras valiosas compensaciones, el recibo de las cuales se agradece por la presente, yo,

Alejandro Anón Cascos, de nacionalidad española, con DNI-20240909M, y domicilio a este efecto en Instituto de Carboquímica, CSIC, calle Miguel Loberna Castán número 4, 50018 Zaragoza, España,

vendo y asigno a The Governors of the University of Alberta, corporación regida por el Acta de Universidades (Universities Act RSA 1980) con domicilio postal en 222 Campus Tower, 8625-112 Street, Edmonton, Alberta, Canada, T6G 2E1, a sus sucesores y asignatarios, todos mis derechos, títulos e intereses en y sobre el invento titulado:

"Removal of Carbon Dioxide from Paraffins"
(Eliminación de Dióxido de Carbono de Parafinas)

en los Estados Unidos de América y en todos los demás países del mundo.

Tomo además bajo mi responsabilidad el cumplimentar sin más compensación todos los documentos legales, todas las solicitudes de patentes, continuidad y reedición, hacer todas las promesas legítimas y en general hacer todo lo posible para asistir y posibilitar a la referida corporación The Governors of the University of Alberta, a sus sucesores y asignatarios, a obtener y ejecutar la adecuada protección bajo patente para el referido invento.

Esta escritura será válida y tendrá efecto para beneficio de los herederos, albaceas, administradores, sucesores y asignatarios, respectivamente, de las partes implicadas.

FIRMADO en la Ciudad de Zaragoza, España, a 24 de febrero de 2009

TESTIGO:

FRANCISCO JAVIER PASCUAL ARANZANA

Alejandro Anón Cascos

PATENT

REEL: 024069 FRAME: 0885

TRANSFERENCIA

Yo, Alejandro Ansón Casas, de nacionalidad española, con DNI 20240909N, y domicilio a este efecto en Instituto de Carboquímica, CSIC, calle Miguel Luesma Castán número 4, 50018 Zaragoza, España,

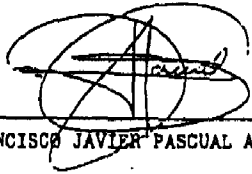
a cambio de Un Dólar (\$1.00), el recibo del cual se agradece por la presente, vendo y asigno a The Governors of the University of Alberta, corporación regida por el Acta de Universidades (Universities Act RSA 1980) con domicilio postal en 222 Campus Tower, 8625-112 Street, Edmonton, Alberta, Canada, T6G 2E1, a sus sucesores y asignatarios, todos mis intereses en el invento titulado:

"Removal of Carbon Dioxide from Paraffins"
(Eliminación de Dióxido de Carbono de Parafinas)

tal y como enteramente se describe y reclama en la solicitud de patente para tal invento y todos mis correspondientes derechos, títulos e intereses en y sobre cualquier patente que pueda editarse por ello.

FIRMADO en la Ciudad de Zaragoza, España, a 24 de febrero de 2009

TESTIGO:



FRANCISCO JAVIER PASCUAL ARANZANA



Alejandro Ansón Casas

8Y8859178

05/2008



ES. COPIA LITERAL de su matriz obrante en mi protocolo general de instrumentos públicos, con la que concuerda en número y contenido y donde queda anotada su expedición, que para los comparecientes expido, extendida en cuatro folios de papel timbrado de uso exclusivo para documentos notariales, serie 8Y, números 8859181 y los tres anteriores en orden correlativo, que signo, firmo, rubrico y sello, en Zaragoza, a veinticinco de Febrero de dos mil nueve.- DOY FE




PATENT

RECORDED: 03/01/2010

REEL: 024069 FRAME: 0887