



APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/802,353	12/11/2012	8329458	531-017.003-3	7191

4955                      7590                      11/21/2012  
WARE FRESSOLA VAN DER SLUYS & ADOLPHSON, LLP  
BRADFORD GREEN, BUILDING 5  
755 MAIN STREET, P O BOX 224  
MONROE, CT 06468

## ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

### **Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)** (application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Carmen Parent, Quebec, CANADA;  
Frederic Dutil, Quebec, CANADA;

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IR103 (Rev. 10/09)

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
( Not for submission under 37 CFR 1.99)**

First Named Inventor	Carmen Parent	
Art Unit	1797	
Examiner Name	Lydia E. Edwards	
Attorney Docket Number	531-017.003-3	

	53	5182201		1993-01-26	Tsuda	
	54	5226506		1993-07-13	Link Edmar	
	55	5232676		1993-08-03	Wolff et al	
	56	5242827		1993-09-07	Chaumont D. et al	
Change(s) applied to document, /L.S./ 11/7/2012	57	<del>5246619</del> 5,246,219		1993-09-21	Watkiss	
	58	5248567		1993-09-28	Amemiya T. et al	
	59	5293751		1994-03-15	Asai Koetsu	
	60	5304356		1994-04-19	Iijima et al	
	61	5364611		1994-11-15	Iijima et al	
	62	5389120		1995-02-14	Sewell	
	63	5455013		1995-10-03	Shibata et al	

EFS Web 2.1.17

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.E./

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4955 7590 10/04/2012  
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**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/802,353	06/04/2010	Carmen Parent	531-017,003-3	7191

TITLE OF INVENTION: CARBONIC ANHYDRASE BIOREACTOR AND PROCESS FOR CO2 CONTAINING GAS EFFLUENT TREATMENT

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	<del>\$1770</del> \$1770	\$300	\$0	<del>\$2070</del> \$2070	01/04/2013

EXAMINER	ART UNIT	CLASS-SUBCLASS
EDWARDS, LYDIA E	1775	435-299100

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list  
 (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Ware, Fressola,  
Van Der Sluys & Adolphson  
 2 LLP  
 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: CO2 Solutions Inc. (B) RESIDENCE: (CITY and STATE OR COUNTRY) Quebec, Canada

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are submitted:

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- A check is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 23-0442 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.
- b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature /Keith R. Obert/

Date November 6, 2012

Typed or printed name Keith R. Obert

Registration No. 58,051

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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# Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	12802353
<b>Filing Date:</b>	04-Jun-2010
<b>Title of Invention:</b>	CARBONIC ANHYDRASE BIOREACTOR AND PROCESS FOR CO2 CONTAINING GAS EFFLUENT TREATMENT
<b>First Named Inventor/Applicant Name:</b>	Carmen Parent
<b>Filer:</b>	Keith Russell Obert/Lisette Ramos
<b>Attorney Docket Number:</b>	531-017.003-3

Filed as Large Entity

## Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
Utility Appl issue fee	1501	1	1770	1770
Publ. Fee- early, voluntary, or normal	1504	1	300	300

**Extension-of-Time:**

**Miscellaneous:**

**Total in USD (\$)**

**2070**

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