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To the Director of the U.S. Patent and Trademark Office

and documents or the new address(es) below.

**1. Name of conveying party(ies)**

Domingo Rodriguez, Alfredo Morales, Julian Blanco,  
Manuel Romero and Aldo Steinfeld

**2. Name and address of receiving party(ies)**

Name: Intevep, S.A.

Internal Address: Apartado 76343

Street Address: \_\_\_\_\_

City: Caracas

State: \_\_\_\_\_

Country: Venezuela Zip: 1070A

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

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

Execution Date(s) 01/31/2005; 01/31/2005; 03/09/2005; 02/22/2005; & 02/27/2005

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

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)

10/954,507

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory P. LaPointe

Internal Address: BACHMAN & LaPOINTE, P.C.

Street Address: 900 Chapel Street, Suite 1201

City: New Haven

State: CT

Zip: 06510

Phone Number: 203-777-6628

Fax Number: 203-865-0297

Email Address: docket@bachlap.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

☐ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☒ Enclosed

☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 02-0184

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

May 10, 2005

Date

Gregory P. LaPointe

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 460, Alexandria, V.A. 22313-1450

PATENT  
REEL: 019736 FRAME: 0264

## ASSIGNMENT

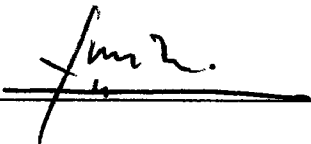
In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Domingo Rodríguez, a citizen of Venezuela and resident of Edo. Miranda, Venezuela, Alfredo Morales, a citizen of Venezuela and resident of Caracas, Venezuela, Julian Blanco, a citizen of Spain and resident of Almeria, Spain, Manuel Romero, a citizen of Spain and resident of Madrid, Spain, and Aldo Steinfeld, a citizen of Switzerland and resident of Brugg, Switzerland, hereby sell, assign and transfer to **INTEVEP, S.A.**, a corporation of Venezuela having a place of business at Apartado 76343, Caracas 1070A, Venezuela, **CIEMAT (CENTRO DE INVESTIGACIONES ENERGETICAS MEDIOAMBIENTALES Y TECNOLOGICAS)**, a corporation of Spain having a place of business at Avenida Complutense, 22, 28040 Madrid, Spain, and **ETHZ (SWISS FEDERAL INSTITUTE OF TECHNOLOGY)**, a corporation of Switzerland having a place of business at ETH Zentrum, CH-8092 Zurich, Switzerland, their successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled **PROCESS FOR THE CONVERSION OF HEAVY CRUDE OILS AND PETROLEUM COKE TO SYNGAS AND HYDROGEN USING AN EXTERNAL SOURCE OF RADIATION**, (Attorney's Docket No. 03-594-2) and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued

patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

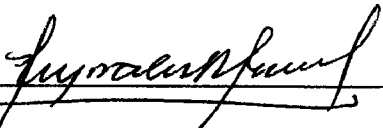
(L.S.)



01 / 31 / 2005  
(Date)

Name: Domingo Rodríguez

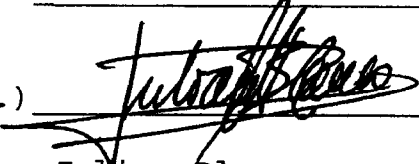
(L.S.)



01 / 31 / 2005  
(Date)

Name: Alfredo Morales

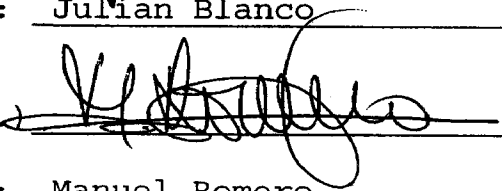
(L.S.)



09 / 03 / 2005  
(Date)

Name: Julian Blanco

(L.S.)



22 / 02 / 2005  
(Date)

Name: Manuel Romero

(L.S.)



27 / 02 / 2005  
(Date)

Name: Aldo Steinfeld