

# PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Huamin Cai		12/16/2005
RECEIVING PARTY DATA		
Name:	Valco Instruments Co., Inc.	
Street Address:	7811 Westview	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77055	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	11305991	
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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Email:	jHUDSON@craincaton.com	
Correspondent Name:	James E. Hudson III	
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Address Line 2:	Suite 1700	
Address Line 4:	Houston, TEXAS 77010-4035	
ATTORNEY DOCKET NUMBER:	089515-000199	
NAME OF SUBMITTER:	James E. Hudson III	
Total Attachments: 2 source=Assignment Executed#page1.tif source=Assignment Executed#page2.tif		

CH \$40.00 11305991

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PATENT  
REEL: 017602 FRAME: 0781

## ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for good and valuable consideration,

### **ASSIGNOR:**

**Huamin Cai**

**7811 Westview, Houston, TX 77055, U.S.A.  
United States Citizen**

hereby sells, assigns, and transfers to

### **ASSIGNEE:**

**Valco Instruments Co., Inc.**

**7811 Westview, Houston, TX 77055, U.S.A.  
A Texas Corporation**

and the successors, assigns, and legal representative of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

### **Partial Modulation via Pulsed Flow Modulator for Comprehensive Two-Dimensional Liquid or Gas Chromatography with Multiple Modulation Periods**

and which is found in

U.S. Non-Provisional Patent Application naming the above inventor(s) for the above-entitled invention:

- ☒ Mailed to the U.S. Patent and Trademark Office via Express Mail Mailing Number EV 407 428 982 US on the 19<sup>th</sup> day of December 2005
- ☒ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request the Patent and Trademark Office to insert below and above the filing date and application number when they become known.
- ☐ U.S. Non-Provisional Patent Application No. \_\_\_\_\_  
filed on \_\_\_\_\_

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set hand and seal on the following dates:

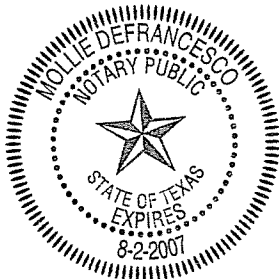
Huamin Cai  
Huamin Cai  
Inventor

12/16/2005  
Date

NOTARIZATION

STATE OF TEXAS       §  
                                  §  
COUNTY OF HARRIS   §

Before me this 16 day of December 2005, personally appeared Huamin Cai, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledge to me that he executed the same of his own free will for the purpose therein expressed.



Mollie DeFrancesco  
Notary Public in and for  
the State of Texas