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11-10-2005

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

11/56 103117370 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) Huamin Cai Stanley D. Stearns Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) Name: Valco Instruments Co., Inc. Internal Address: _____ Street Address: 7811 Westview City: Houston 2005 State: Texas Country: US Zip: 77055 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>August 18, 2005, August 31, 2005</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 11/207,084 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: James E. Hudson III Internal Address: Crain, Caton & James, P.C. Street Address: 1401 McKinney, Suite 1700 City: Houston State: Texas Zip: 77010-4035 Phone Number: 713.752.8652 Fax Number: 713.425.7952 Email Address: jhudson@craincaton.com	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number 50-3385 Authorized User Name James E. Hudson III
9. Signature: 11/09/2005 DB RME 00000192 503385 11207084 Signature _____ Date November 5, 2005 James E. Hudson III Name of Person Signing _____ Total number of pages including cover sheet, attachments, and documents: 6	

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

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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:

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

Stanley D. Stearns 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:

Method of Modulating a Second Carrier for Partial Modulation via Pulsed Flow Modulator for Comprehensive Two-Dimensional Liquid or Gas Chromatography

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 ED 882 918 888 US on the 18th day of AUGUST, 2005.
- ☒ To comply with 37 C.F.R. § 3.21 for recordal of this assignment, WE, the ASSIGNORS 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. 11/207,084 filed on AUGUST 18, 2005

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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

8/30/2005
Date

NOTARIZATION

STATE OF TEXAS

COUNTY OF HARRIS

Before me this 31 day of August 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 purposes therein expressed.



Maura Antonia
Notary Public in and for
the State of Texas