

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stanley D Stearns</td> <td>03/06/2013</td> </tr> <tr> <td>Huamin Cai</td> <td>03/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Stanley D Stearns	03/06/2013	Huamin Cai	03/06/2013				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Valco Instruments Company, L.P.</td> </tr> <tr> <td>Street Address:</td> <td>7811 Westview</td> </tr> <tr> <td>City:</td> <td>Houston</td> </tr> <tr> <td>State/Country:</td> <td>TEXAS</td> </tr> <tr> <td>Postal Code:</td> <td>77055</td> </tr> </table>		Name:	Valco Instruments Company, L.P.	Street Address:	7811 Westview	City:	Houston	State/Country:	TEXAS	Postal Code:	77055
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13592489</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13592489						
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CORRESPONDENCE DATA											
<p>Fax Number: 7136581921  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7136582323        Email: jhudson@craincaton.com        Correspondent Name: James E. Hudson, III; Crain Caton James        Address Line 1: 1401 McKinney Street        Address Line 2: Suite 1700        Address Line 4: Houston, TEXAS 77010-4035</p>											
ATTORNEY DOCKET NUMBER:	089515-00265										
NAME OF SUBMITTER:	James E. Hudson III										
<p>Total Attachments: 3        source=89515-265_Assignment#page1.tif        source=89515-265_Assignment#page2.tif        source=89515-265_Assignment#page3.tif</p>											

CH \$40.00 13592489

## **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:**

**Stanley D. Stearns**

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

**Huamin Cai**

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

hereby sells, assigns, and transfers to

### **ASSIGNEE:**

**Valco Instruments Company, L.P.**

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

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 and to file applications with all national, regional and international offices, including the World Intellectual Property Office, in and to any and all improvements which are disclosed in the invention entitled:

### **Pulsed discharge helium ionization detector with multiple combined bias/collecting electrodes for gas chromatography and method of use**

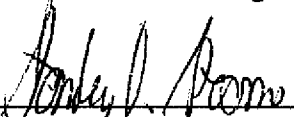
and which is found in U.S. Non-Provisional Patent Application 13/592,489 filed 08-23-2012 naming the above inventors, and, in and to, all Letters Patent to be obtained for said invention by the above application or any non-provisional, continuation, division, renewal or substitute thereof, PCT application and national stage applications, and as to letters patent any reissue or reexamination thereof.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

WHEREAS, Valco Instruments Company, L.P., a Texas limited partnership, has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to said invention,.

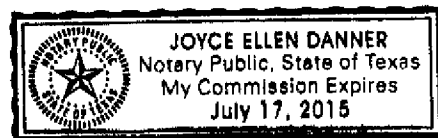
THEREFORE this Assignment is ACCEPTED by Valco Instruments Company, L.P.

  
Stanley D. Stearns, Managing Member  
Valco Holdings Management, L.L.C.  
General Partner of Valco Instruments Company, L.P.

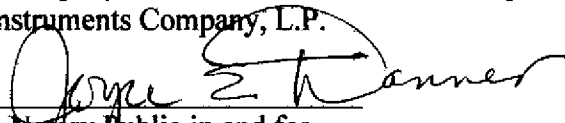
3-6, 2013

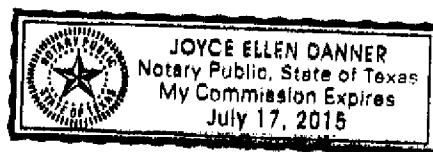
NOTARIZATION

STATE OF TEXAS       §  
                                  §  
COUNTY OF HARRIS   §



Before me this 6 day of March 2013, personally appeared Stanley D. Stearns, who is personally known to be the Managing Member of Valco Holdings Management, L.L.C., a Texas limited liability company, the general partner of Valco Instruments Company, L.P., who, being duly sworn, did depose and say that he is the Managing Member of Valco Holdings Management, L.L.C., a Texas limited liability company, the general partner of Valco Instruments Company, L.P., the limited partnership described herein and which executed the foregoing instrument; that he executed and delivered said instrument pursuant to the authority given by the general partner of Valco Instruments Company, L.P.; and that he acknowledged said instrument to be the free act and deed of Valco Instruments Company, L.P.

  
Notary Public in and for  
The State of Texas



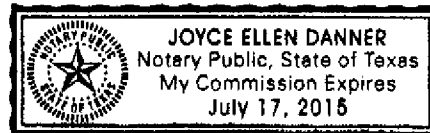
IN WITNESS WHEREOF, I have hereunto set hand and seal on the following dates:

Stanley D. Stearns  
**Stanley D. Stearns**  
Inventor

3-6, 2013

NOTARIZATION

STATE OF TEXAS       §  
                                  §  
COUNTY OF HARRIS   §



Before me this 6 day of March 2013, personally appeared **Stanley D. Stearns**, 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.

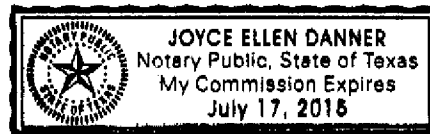
Joyce E Danner  
Notary Public in and for  
the State of Texas

March 6, 2013

Huamin Cai  
**Huamin Cai**  
Inventor

NOTARIZATION

STATE OF TEXAS       §  
                                  §  
COUNTY OF HARRIS   §



Before me this 6 day of March 2013, 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.

Joyce E Danner  
Notary Public in and for  
the State of Texas