

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>William H Mann</td> <td>12/13/2005</td> </tr> <tr> <td>Mickey Mann</td> <td>12/13/2005</td> </tr> </tbody> </table>		Name	Execution Date	William H Mann	12/13/2005	Mickey Mann	12/13/2005
Name	Execution Date						
William H Mann	12/13/2005						
Mickey Mann	12/13/2005						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Mann Welding Company						
<b>Street Address:</b>	1400 Hamill Road						
<b>City:</b>	Chattanooga						
<b>State/Country:</b>	TENNESSEE						
<b>Postal Code:</b>	37407						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11320078</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11320078		
Property Type	Number						
Application Number:	11320078						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(423)785-8480						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
<b>Phone:</b>	4237566600						
<b>Email:</b>	sstark@millermartin.com						
<b>Correspondent Name:</b>	Stephen J. Stark						
<b>Address Line 1:</b>	832 Georgia Avenue						
<b>Address Line 2:</b>	Suite 1000 Volunteer Building						
<b>Address Line 4:</b>	Chattanooga, TENNESSEE 37402-2289						
<b>ATTORNEY DOCKET NUMBER:</b>	04570-0100						
<b>NAME OF SUBMITTER:</b>	Stephen J. Stark						

**CH \$40.00 11320078**

Total Attachments: 3  
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**ASSIGNMENT**

**WHEREAS**, we, **William H. Mann and Mickey Mann** have invented certain new and useful improvements in an improved chromatography column and method of operation for which we are about to make application for Letters Patent of The United States, which application may be identified in the United States Patent Office as

**IMPROVED CHROMATOGRAPHY COLUMN AND METHOD OF OPERATION**

Serial No. 11/320,078 Filing Date December 28, 2005  
and,

**WHEREAS**, **Mann Welding Company**, a corporation organized under the laws of the State of Tennessee and having a place of business at 1400 Hamill Road, Chattanooga, Tennessee 37407 is desirous of acquiring the entire right, title and interest in and to said invention, said application and the Letters Patent to be obtained therefor:

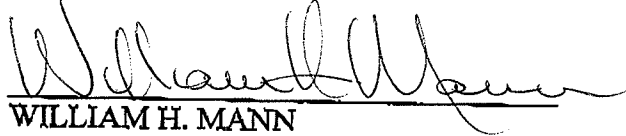
**NOW, THEREFORE**, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we the said **William H. Mann and Mickey Mann** have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the said **Mann Welding Company**, its successors and assigns our entire right, title and interest in and to the above mentioned invention and application, and in and to any and all Letters Patent both foreign and domestic which may hereafter be granted therefor, and in and to any and all extensions, continuations, divisions, or reissues of said Letters Patent, the same to be held and enjoyed by the said **Mann Welding Company** for its own use and behoof, and the use and behoof of its successors and assigns, to the full end of the term for which said Letters Patent may be granted.

We hereby authorize the above-mentioned assignee to insert in this instrument the filing date and serial number of our said application.

Upon said consideration, we convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of the said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, renewal, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choices in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary

statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hand and seal on the day and year below written in the presence of the subscribing witnesses.

  
WILLIAM H. MANN

Witness:

\_\_\_\_\_  
\_\_\_\_\_

12/13/05

State of Tennessee

County of Hamilton

on this 13th day of December, 2005, before me personally appeared William H. Mann to me known and known to me to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purposes therein stated.

[SEAL]

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

*Mickey Mann*  
\_\_\_\_\_  
MICKEY MANN

Witness:

\_\_\_\_\_  
\_\_\_\_\_

State of Tennessee

County of Hamilton

on this 13<sup>th</sup> day of December, 2005, before me personally appeared Mickey Mann to me known and known to me to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purposes therein stated.

[SEAL]

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_