### PATENT ASSIGNMENT

**Electronic Version v1.1**
**Stylesheet Version v1.1**

#### SUBMISSION TYPE:
NEW ASSIGNMENT

#### NATURE OF CONVEYANCE:
ASSIGNMENT

#### CONVEYING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>Execution Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jason Arjavac</td>
<td>04/28/2009</td>
</tr>
<tr>
<td>Enrique Agorio</td>
<td>10/05/2009</td>
</tr>
<tr>
<td>James E. Hudson</td>
<td>05/22/2009</td>
</tr>
<tr>
<td>Michael Tanguay</td>
<td>10/06/2009</td>
</tr>
<tr>
<td>Gerhard Daniel</td>
<td>04/28/2009</td>
</tr>
</tbody>
</table>

#### RECEIVING PARTY DATA

<table>
<thead>
<tr>
<th>Name</th>
<th>FEI COMPANY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Street Address</td>
<td>5350 NE DAWSON CREEK DR</td>
</tr>
<tr>
<td>City</td>
<td>HILLSBORO</td>
</tr>
<tr>
<td>State/Country</td>
<td>OREGON</td>
</tr>
<tr>
<td>Postal Code</td>
<td>97124</td>
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#### PROPERTY NUMBERS Total: 1

<table>
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<tr>
<th>Property Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Number</td>
<td>12446376</td>
</tr>
</tbody>
</table>

#### CORRESPONDENCE DATA

Fax Number: (512)306-1963  
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.  
Phone: 5126370800  
Email: patents@sgnlaw.com  
Correspondent Name: Scheinberg & Griner, LLP  
Address Line 1: PO Box 164140  
Address Line 4: Austin, TEXAS 78716

#### ATTORNEY DOCKET NUMBER: F628

#### NAME OF SUBMITTER: Robert McMinn

---

500987862  
REEL: 023368 FRAME: 0923
ASSIGNMENT

WHEREAS, I/We, Jason Arjavac, resident of Portland, Oregon; Enrique Agorio, resident of Portland, Oregon; James E. Hudson, resident of Portland, Oregon; Michael Tanguay, resident of York, Maine; and Gerhard Daniel, resident of Portland, Oregon (hereinafter called the “Assignors”), have invented certain new and useful inventions entitled “Method and Apparatus for Sample Extraction and Handling,” the specification of which:

☐ is attached hereto.

☑ was filed on April 20, 2009, and assigned U.S. Application No. 12/446,376.

WHEREAS, FEI Company, a company, having its principal place of business at 5350 NE Dawson Creek Drive, Hillsboro, Oregon 97124-5793 (herein called the “Assignee”), is desirous of acquiring and Assignors are desirous of assigning to FEI Company all right, title, and interest in and to said Invention, patents and patent applications on said Invention;

NOW, THEREFORE, Assignors, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, do hereby SELL, ASSIGN and CONVEY unto Assignee all right, title and interest throughout the world in and to said invention, this assignment including, but not being limited to:

1. All applications for patent or like protection on said Invention made by Assignors or their legal representatives, whether in the United States of America or any other country or place anywhere in the world;

2. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extension, and the like of said applications and patents and like grants, including without limitation, those obtained or permissible under past, present and future laws or statutes;

Page 1 of 5
3. All rights of action on account of past, present and future unauthorized use of said invention and for infringement of said patents and like protection;

4. The right to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and

5. All international rights or priority associated with said invention, applications for patents, patents and like protection.

I/We hereby authorize and request the Director of U.S. Patent and Trademark Office, and all other national patent offices in which corresponding applications are filed, to issue any patents for the said invention to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof and for the use and behoof of his legal representatives, to the full end of the term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Assignors covenant that Assignors, their heirs, legal representatives, assigns, administrators, and executors will execute all papers and perform such other acts, with expenses if any to be paid by Assignee, as may be reasonably necessary to give Assignee, its successors and assigns, the full benefit of this Assignment. This Assignment shall be binding upon and shall inure to the benefit of the successors, assigns and legal representatives of the parties hereto.
EXECUTED on the date indicated below:

Date: 4-28-2009
By: [Signature]

State of Oregon
County of Washington

Before me personally appeared said Jason Arjavac, and acknowledged the foregoing instrument to be his free act and deed this [Signature] day of April, 2009.

Notary Public
My Commission Expires: 11/7/2010

EXECUTED on the date indicated below:

Date: [Blank]
By: [Signature]

State of [Blank]
County of [Blank]

Before me personally appeared said Enrique Agorio, and acknowledged the foregoing instrument to be his free act and deed this [Blank] day of [Blank], 2009.

Notary Public
My Commission Expires: [Blank]
EXECUTED on the date indicated below:

Date: ________________        By: ________________________________

                                       James E. Hudson

State of ________________  )  $

County of ________________  )  $

Before me personally appeared said James E. Hudson, and acknowledged the foregoing instrument to be his free act and deed this ______ day of ____________, 2009.

______________________________________
Notary Public
My Commission Expires: ________________

EXECUTED on the date indicated below:

Date: ________________        By: ________________________________

                                       Michael Tanguay

State of ________________  )  $

County of ________________  )  $

Before me personally appeared said Michael Tanguay, and acknowledged the foregoing instrument to be his free act and deed this ______ day of ____________, 2009.

______________________________________
Notary Public
My Commission Expires: ________________
EXECUTED on the date indicated below:

Date: _____________      By: ________________________________________

                          Gerhard Daniel

State of _____________    )    §
County of _____________     )    §

Before me personally appeared said Gerhard Daniel, and acknowledged the foregoing instrument to be his free act and deed this ________ day of _____________, 2009.

________________________

Notary Public

My Commission Expires: _____________
ASSIGNMENT

WHEREAS, I/We, Jason Arjavac, resident of Portland, Oregon; Enrique Agorio, resident of Portland, Oregon; James E. Hudson, resident of Portland, Oregon; Michael Tanguay, resident of York, Maine; and Gerhard Daniel, resident of Portland, Oregon (hereinafter called the "Assignors"), have invented certain new and useful inventions entitled "Method and Apparatus for Sample Extraction and Handling," the specification of which:

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4. The right to file in its name applications for patents and like protection for said Invention in any country or countries foreign to the United States; and

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I/We hereby authorize and request the Director of U.S. Patent and Trademark Office, and all other national patent offices in which corresponding applications are filed, to issue any patents for the said invention to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof and for the use and behoof of his legal representatives, to the full end of the term for which said patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

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EXECUTED on the date indicated below:

Date: _____________  By: __________________________________

Jason Arjavac

State of _____________  ) $
County of _____________  ) $

Before me personally appeared said Jason Arjavac, and acknowledged the foregoing instrument to be his free act and deed this ________ day of _____________, 2009.

_______________________________________
Notary Public
My Commission Expires: _________________

EXECUTED on the date indicated below:

Date: _____________  By: __________________________________

Enrique Agorio

State of _____________  ) $
County of _____________  ) $

Before me personally appeared said Enrique Agorio, and acknowledged the foregoing instrument to be his free act and deed this ________ day of _____________, 2009.

_______________________________________
Notary Public
My Commission Expires: _________________
EXECUTED on the date indicated below:

Date: **May 22, 2009**

By: [Signature]

James E. Hudson

State of **Oregon**

County of **Washington**

Before me personally appeared said James E. Hudson, and acknowledged the foregoing instrument to be his free act and deed this **22nd** day of **May**, 2009.

[Notary Seal]

RENE P. BUSSCHER
NOTARY PUBLIC OREGON
COMMISSION NO. 400433
MY COMMISSION EXPIRES DECEMBER 14, 2009

Notary Public

My Commission Expires: **12/14/2009**

EXECUTED on the date indicated below:

Date: ______________

By: ________________

Michael Tanguay

State of ______________

County of ______________

Before me personally appeared said Michael Tanguay, and acknowledged the foregoing instrument to be his free act and deed this ______ day of ________________, 2009.

__________________________

Notary Public

My Commission Expires: ________________
EXECUTED on the date indicated below:

Date: _____________  By: __________________________

____________________
Gerhard Daniel

State of _____________  )  $
County of _____________  )  $

Before me personally appeared said Gerhard Daniel, and acknowledged the foregoing instrument to be his free act and deed this ________ day of _____________, 2009.

________________________________
Notary Public
My Commission Expires: ____________
ASSIGNMENT

WHEREAS, I/We, Jason Arjavac, resident of Portland, Oregon; Enrique Agorio, resident of Portland, Oregon; James E. Hudson, resident of Portland, Oregon; Michael Tanguay, resident of Portland, Oregon; and Gerhard Daniel, resident of Portland, Oregon (hereinafter called the "Assignors"), have invented certain new and useful inventions entitled "Method and Apparatus for Sample Extraction and Handling," the specification of which:

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EXECUTED on the date indicated below:

Date: _______________  By: ________________________________

   Jason Arjavac

State of _______________  )  $
County of _______________  )  $

Before me personally appeared said Jason Arjavac, and acknowledged the foregoing instrument to be his free act and deed this ________ day of _______________, 2009.

________________________________________
Notary Public
My Commission Expires: _________________

EXECUTED on the date indicated below:

Date: _______________  By: ________________________________

   Enrique Agorio

State of _______________  )  $
County of _______________  )  $

Before me personally appeared said Enrique Agorio, and acknowledged the foregoing instrument to be his free act and deed this ________ day of _______________, 2009.

________________________________________
Notary Public
My Commission Expires: _________________
EXECUTED on the date indicated below:

Date: ______________ By: ______________________________________

                                        James E. Hudson

State of ______________ )  $  
County of ______________ )  $  

Before me personally appeared said James E. Hudson, and acknowledged the foregoing instrument to be his free act and deed this ______ day of ______________, 2009.

Notary Public
My Commission Expires: ____________

EXECUTED on the date indicated below:

Date: 10/6/09 By: ______________________

                                        Michael Tanguay

State of Oregon )  $  
County of Washington )  $  

Before me personally appeared said Michael Tanguay, and acknowledged the foregoing instrument to be his free act and deed this 6th day of October, 2009.

                                      Rosalyn Craft
Notary Public
My Commission Expires: 5/27/2010
EXECUTED on the date indicated below:

Date: ___________  By: ________________________________

Gerhard Daniel

State of ___________  )  $
County of ___________  )  $

Before me personally appeared said Gerhard Daniel, and acknowledged the foregoing instrument to be his free act and deed this _______ day of ____________, 2009.

______________________________________
Notary Public

My Commission Expires: ________________
ASSIGNMENT

WHEREAS, I/We, Jason Arjavac, resident of Portland, Oregon; Enrique Agorio, resident of Portland, Oregon; James E. Hudson, resident of Portland, Oregon; Michael Tanguay, resident of York, Maine; and Gerhard Daniel, resident of Portland, Oregon (hereinafter called the “Assignors”), have invented certain new and useful inventions entitled “Method and Apparatus for Sample Extraction and Handling,” the specification of which:

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EXECUTED on the date indicated below:

Date: ______________  By: ____________________________________________

Jason Arjavac

State of ______________  ) §
County of ______________  ) §

Before me personally appeared said Jason Arjavac, and acknowledged the foregoing instrument to be his free act and deed this _______ day of ______________, 2009.

__________________________________________
Notary Public
My Commission Expires: ______________

EXECUTED on the date indicated below:

Date: ______________  By: ____________________________________________

Enrique Agorio

State of ______________  ) §
County of ______________  ) §

Before me personally appeared said Enrique Agorio, and acknowledged the foregoing instrument to be his free act and deed this _______ day of ______________, 2009.

__________________________________________
Notary Public
My Commission Expires: ______________
EXECUTED on the date indicated below:

Date: ___________ By: __________________________

James E. Hudson

State of ___________  ) §
County of ___________  ) §

Before me personally appeared said James E. Hudson, and acknowledged the foregoing instrument to be his free act and deed this __________ day of ____________, 2009.

____________________
Notary Public

My Commission Expires: ____________

EXECUTED on the date indicated below:

Date: 4/30/09 By: __________________________

Michael Tanguay

State of Oregon  ) §
County of Washington  ) §

Before me personally appeared said Michael Tanguay, and acknowledged the foregoing instrument to be his free act and deed this 30th day of April, 2009.

Rosalyn Craft
Notary Public

My Commission Expires: 5/27/2010
EXECUTED on the date indicated below:

Date:  April 28th, 2009  By:  

Gerhard Daniel

State of  Oregon  )  §
County of  Washington  )  §

Before me personally appeared said Gerhard Daniel, and acknowledged the foregoing instrument to be his free act and deed this 28th day of April, 2009.

Notary Public
Commission Expires:  12/14/2009
ASSIGNMENT

WHEREAS, I/We, Jason Arjavac, resident of Portland, Oregon; Enrique Agorio, resident of Portland, Oregon; James E. Hudson, resident of Portland, Oregon; Michael Tanguay, resident of York, Maine; and Gerhard Daniel, resident of Portland, Oregon (hereinafter called the “Assignors”), have invented certain new and useful inventions entitled “Method and Apparatus for Sample Extraction and Handling,” the specification of which:

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EXECUTED on the date indicated below:

Date: 10/5/2009  
By: ____________________________

  Jason Arjavac

State of ________________  ) $  
County of ________________  ) $  

Before me personally appeared said Jason Arjavac, and acknowledged the foregoing instrument to be his free act and deed this ________ day of ________________, 2009.

________________________________________
Notary Public
My Commission Expires: __________________

EXECUTED on the date indicated below:

Date: 10/5/2009  
By: ____________________________

  Enrique Agorio

State of Oregon  ) $  
County of Washington  ) $  

Before me personally appeared said Enrique Agorio, and acknowledged the foregoing instrument to be his free act and deed this 5th day of October, 2009.

________________________________________
Notary Public
My Commission Expires: 12/14/2009
EXECUTED on the date indicated below:

Date: ______________ By: ______________

James E. Hudson

State of ______________ ) $
County of ______________ ) $

Before me personally appeared said James E. Hudson, and acknowledged the foregoing instrument to be his free act and deed this ________ day of ______________, 2009.

________________________________________
Notary Public
My Commission Expires: ______________

EXECUTED on the date indicated below:

Date: ______________ By: ______________

Michael Tanguay

State of ______________ ) $
County of ______________ ) $

Before me personally appeared said Michael Tanguay, and acknowledged the foregoing instrument to be his free act and deed this ________ day of ______________, 2009.

________________________________________
Notary Public
My Commission Expires: ______________
EXECUTED on the date indicated below:

Date: ____________  By: ______________________________________
                      Gerhard Daniel

State of ____________  ) $
County of ____________  ) $

Before me personally appeared said Gerhard Daniel, and acknowledged the foregoing instrument to be his free act and deed this __________ day of ____________, 2009.

________________________________________________________________________

Notary Public

My Commission Expires: __________________________

Page 5 of 5

RECORDED: 10/14/2009

PATENT
REEL: 023368 FRAME: 0949