

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2651292

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>MAO ZHENMEI</td> <td>12/11/2013</td> </tr> <tr> <td>MICHAEL FOX</td> <td>07/22/2013</td> </tr> <tr> <td>DAVID PELLETIER</td> <td>07/31/2013</td> </tr> <tr> <td>GIOVANNI LEPORE</td> <td>07/19/2013</td> </tr> <tr> <td>SAMUEL M. RUBACK</td> <td>07/22/2013</td> </tr> </tbody> </table>		Name	Execution Date	MAO ZHENMEI	12/11/2013	MICHAEL FOX	07/22/2013	DAVID PELLETIER	07/31/2013	GIOVANNI LEPORE	07/19/2013	SAMUEL M. RUBACK	07/22/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>FLIR SYSTEMS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>27700 SW PARKWAY AVENUE</td> </tr> <tr> <td>City:</td> <td>WILSONVILLE</td> </tr> <tr> <td>State/Country:</td> <td>OREGON</td> </tr> <tr> <td>Postal Code:</td> <td>97070</td> </tr> </table>		Name:	FLIR SYSTEMS, INC.	Street Address:	27700 SW PARKWAY AVENUE	City:	WILSONVILLE	State/Country:	OREGON	Postal Code:	97070		
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Street Address:	27700 SW PARKWAY AVENUE												
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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>29459079</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29459079								
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Application Number:	29459079												
CORRESPONDENCE DATA													
Fax Number:	(617)646-8646												
Phone:	617-646-8000												
Email:	patents_RandyP@wolfgreenfield.com												
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>													
Correspondent Name:	RANDY J. PRITZKER												
Address Line 1:	WOLF, GREENFIELD & SACKS, P.C.												
Address Line 2:	600 ATLANTIC AVENUE												
Address Line 4:	BOSTON, MASSACHUSETTS 02210												
ATTORNEY DOCKET NUMBER:	N0410.70030US00												
NAME OF SUBMITTER:	LUCIE DEBELLIS												

OP \$40.00 29459079

Signature:

/Lucie DeBellis/

Date:

12/17/2013

Total Attachments: 24

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to FLIR Systems, Inc., a Oregon Corporation having a place of business at 27700 SW Parkway Avenue; Wilsonville, Oregon 97070, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on June 25, 2013 under No. 29/459,079, bearing Attorney Docket No. N0410.70030US00, and entitled METER, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

11th date of December, 2013
Date

Mao Zhenmei

Inventor: Mao Zhenmei
Address: 304#, NO. 2 Building
283 Siping RD
Shanghai
PEOPLE'S REPUBLIC OF CHINA
Citizenship: People's Republic of China

Witness:

11th date of December, 2013
Date

Song Xuan

Signature

Name: Song Xuan

Address: Room 1101, No. 4, Lane 111, CaoDongchi Rd
Shanghai, China

Witness:

11th date of December, 2013
Date

Ma LiLi

Signature

Name: Ma LiLi

Address: Room 602, No. 2, West Shanghai Rd
Shanghai, China

Date

Inventor: Michael Fox

Address: 5 Crimson Ct.

Nashua, New Hampshire 03063

Citizenship: US

STATE/Commonwealth of _____
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Michael Fox _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: David Pelletier

Address: 12 Maple Avenue

Hudson, New Hampshire 03051

Citizenship: US

STATE/Commonwealth of _____

COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ David Pelletier _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Giovanni Lepore
Address: 25 Dudley Street
Peabody, Massachusetts 01960
Citizenship: Italy

STATE/Commonwealth of _____
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Giovanni Lepore _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Samuel M. Ruback

Address: 114 Blanford Place

Bedford, New Hampshire 03110

Citizenship: US

STATE/Commonwealth of _____

County of _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Samuel M. Ruback, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to FLIR Systems, Inc., a Oregon Corporation having a place of business at 27700 SW Parkway Avenue; Wilsonville, Oregon 97070, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on June 25, 2013 under No. 29/459,079, bearing Attorney Docket No. N0410.70030US00, and entitled METER, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date

Inventor: Mao Zhenmei
Address: 304#, NO, 2 Building
283 Siping RD
Shanghai
PEOPLE'S REPUBLIC OF CHINA
Citizenship: People's Republic of China

Witness:

Date

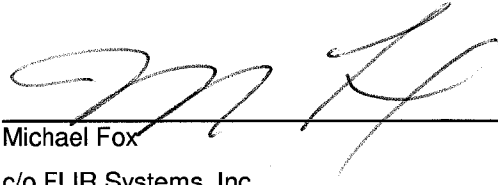
Signature
Name: _____
Address: _____

Witness:

Date

Signature
Name: _____
Address: _____

7.22.13
Date



Inventor: Michael Fox

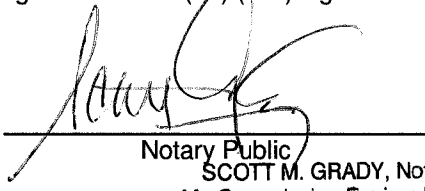
Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of NEW HAMPSHIRE
COUNTY OF HILLSBOROUGH:

On this 22nd day of JULY, 2013, before me, the undersigned notary public, personally appeared Michael Fox, proved to me through satisfactory evidence of identification, which were DRIVERS LICENSE, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL



Notary Public
SCOTT M. GRADY, Notary Public,
My Commission Expires May 15, 2018

My commission expires: _____

Date

Inventor: David Pelletier

Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of _____
County of _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ David Pelletier _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: Giovanni Lepore

Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: Italy

STATE/Commonwealth of _____
County of _____:

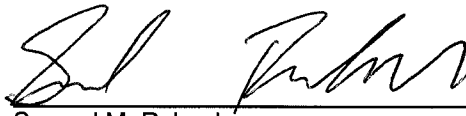
On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Giovanni Lepore _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

7.22.13
Date



Inventor: Samuel M. Ruback

Address: 27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of NEW HAMPSHIRE
COUNTY OF HILLSBOROUGH:

On this 22nd day of July, 2013, before me, the undersigned notary public, personally appeared Samual M. Ruback, proved to me through satisfactory evidence of identification, which were DRIVER'S LICENSE, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL



Notary Public

My commission expires: SCOTT M. GRADY, Notary Public,
My Commission Expires May 15, 2018

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to FLIR Systems, Inc., a Oregon Corporation having a place of business at 27700 SW Parkway Avenue; Wilsonville, Oregon 97070, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on June 25, 2013 under No. 29/459,079, bearing Attorney Docket No. N0410.70030US00, and entitled METER, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions in its own name; and when requested, without charge to but at the expense of the Assignee, I agree to carry out in good faith the intent and purpose of this assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and for vesting title to the inventions and all applications for patents and all patents on the inventions, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date

Inventor: Mao Zhenmei
Address: 304#, NO, 2 Building
283 Siping RD
Shanghai
PEOPLE'S REPUBLIC OF CHINA
Citizenship: People's Republic of China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Date

Inventor: Michael Fox

Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of _____

County of _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Michael Fox _____, proved to me through satisfactory evidence of identification, which were _____,


to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

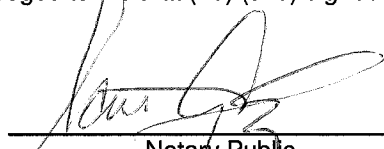
Date 7/31/13

Inventor: 
David Pelletier
Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070
Citizenship: US

STATE/Commonwealth of NEW HAMPSHIRE
COUNTY OF MILLSBOROUGH :

On this 31ST day of JULY, 2013, before me, the undersigned notary public, personally appeared David Pelletier, proved to me through satisfactory evidence of identification, which were DRIVERS LICENSE, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL


Notary Public

My commission expires: SCOTT M. GRADY, Notary Public,
My Commission Expires May 15, 2018

Date

Inventor: Giovanni Lepore

Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: Italy

STATE/Commonwealth of _____
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Giovanni Lepore _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date _____

Inventor: Samual M. Ruback

Address: 27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of _____

County of _____ :

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3. Request the Director of the United States Patent and Trademark Office to issue the Letters Patent to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing patent/application identification information or correct any errors in the patent/application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date

Inventor: Mao Zhenmei
Address: 304#, NO, 2 Building
283 Siping RD
Shanghai
PEOPLE'S REPUBLIC OF CHINA
Citizenship: People's Republic of China

Witness:

Date

Signature

Name: _____

Address: _____

Witness:

Date

Signature

Name: _____

Address: _____

Date

Inventor: Michael Fox

Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of _____

County of _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Michael Fox _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Date

Inventor: David Pelletier

Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of _____
COUNTY OF _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ David Pelletier _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

7/19/2013
Date

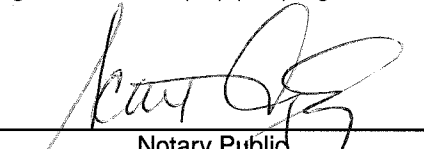


Inventor: Giovanni Lepore
Address: c/o FLIR Systems, Inc.
27700 SW Parkway Avenue
Wilsonville, Oregon 97070
Citizenship: Italy

STATE/Commonwealth of NEW HAMPSHIRE
COUNTY OF HILLSBOROUGH :

On this 19th day of JULY, 2013, before me, the undersigned notary public, personally appeared Giovanni Lepore, proved to me through satisfactory evidence of identification, which were DRIVER'S LICENSE, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL



Notary Public
SCOTT M. GRADY, Notary Public,
My Commission Expires May 15, 2018

My commission expires: _____

Date

Inventor: Samuel M. Ruback

Address: 27700 SW Parkway Avenue
Wilsonville, Oregon 97070

Citizenship: US

STATE/Commonwealth of _____
County of _____ :

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared _____ Samuel M. Ruback _____, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____