

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Joanna Ackley</td><td>02/22/2012</td></tr> <tr><td>James D. Allen IV</td><td>02/09/2012</td></tr> <tr><td>Ryan C. Artale</td><td>02/28/2012</td></tr> <tr><td>Kim V. Brandt</td><td>02/22/2012</td></tr> <tr><td>Dennis W. Butcher</td><td>02/20/2012</td></tr> <tr><td>Edward M. Chojin</td><td>02/23/2012</td></tr> <tr><td>Gary M. Couture</td><td>03/05/2012</td></tr> <tr><td>James S. Cunningham</td><td>02/07/2012</td></tr> <tr><td>David M. Garrison</td><td>02/22/2012</td></tr> <tr><td>Keir Hart</td><td>02/02/2012</td></tr> <tr><td>Russell D. Hempstead</td><td>02/06/2012</td></tr> <tr><td>Glenn A. Horner</td><td>02/02/2012</td></tr> <tr><td>Daniel A. Jospheh</td><td>02/16/2012</td></tr> <tr><td>Duane E. Kerr</td><td>02/02/2012</td></tr> <tr><td>Dylan R. Kingsley</td><td>02/23/2012</td></tr> <tr><td>Peter M. Mueller</td><td>02/08/2012</td></tr> <tr><td>Jessica E.C. Olson</td><td>02/02/2012</td></tr> <tr><td>Sean T. O'Neill</td><td>02/27/2012</td></tr> <tr><td>Jason T. Sanders</td><td>02/02/2012</td></tr> <tr><td>Robert M. Sharp</td><td>02/06/2012</td></tr> <tr><td>John R. Twomey</td><td>02/16/2012</td></tr> <tr><td>Jeffrey R. Unger</td><td>02/16/2012</td></tr> </tbody> </table>		Name	Execution Date	Joanna Ackley	02/22/2012	James D. Allen IV	02/09/2012	Ryan C. Artale	02/28/2012	Kim V. Brandt	02/22/2012	Dennis W. Butcher	02/20/2012	Edward M. Chojin	02/23/2012	Gary M. Couture	03/05/2012	James S. Cunningham	02/07/2012	David M. Garrison	02/22/2012	Keir Hart	02/02/2012	Russell D. Hempstead	02/06/2012	Glenn A. Horner	02/02/2012	Daniel A. Jospheh	02/16/2012	Duane E. Kerr	02/02/2012	Dylan R. Kingsley	02/23/2012	Peter M. Mueller	02/08/2012	Jessica E.C. Olson	02/02/2012	Sean T. O'Neill	02/27/2012	Jason T. Sanders	02/02/2012	Robert M. Sharp	02/06/2012	John R. Twomey	02/16/2012	Jeffrey R. Unger	02/16/2012
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RECEIVING PARTY DATA																																															
<table border="1"> <tr> <td>Name:</td> <td>TYCO Healthcare Group LP</td> </tr> <tr> <td>Street Address:</td> <td>15 Hampshire Street</td> </tr> <tr> <td>City:</td> <td>Mansfield</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02048</td> </tr> </table>		Name:	TYCO Healthcare Group LP	Street Address:	15 Hampshire Street	City:	Mansfield	State/Country:	MASSACHUSETTS	Postal Code:	02048																																				
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CH \$40.00 13412897

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13412897

CORRESPONDENCE DATA

Fax Number: (303)581-6632

Phone: 303-530-6138

Email: ebd.iplegal@covidien.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: TYCO Healthcare Group LP Attn: IP Legal

Address Line 1: 5920 Longbow Drive

Address Line 2: Mail Stop A36

Address Line 4: Boulder, COLORADO 80301-3299

ATTORNEY DOCKET NUMBER:	H-EB-00312 (203-8241)
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NAME OF SUBMITTER:	Thomas A. Beaton
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Total Attachments: 30

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PATENT

REEL: 027812 FRAME: 0016

For: ☒ U.S. and/or ☒ Foreign Rights
For: ☒ U.S. Application or ☐ U.S. Patent
By : ☒ Inventor(s) or ☐ Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,
ASSIGNORS:

Joanna Ackley
James D. Allen, IV
Ryan C. Artale
Kim V. Brandt
Dennis W. Butcher
Edward M. Chojin
Gary M. Couture
James S. Cunningham
David M. Garrison
Keir Hart
Russell D. Hempstead
Glenn A. Horner
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Dylan R. Kingsley
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Jessica E. C. Olson
Sean T. O'Neill
Jason T. Sanders
Robert M. Sharp
John R. Twomey
Jeffrey R. Unger

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on: _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

TYCO Healthcare Group LP

(Type or print name of ASSIGNEE)

Address

15 Hampshire Street

Mansfield, MA 02048

U.S.A.

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____ %) interest for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

SURGICAL TISSUE SEALER

(title of invention)

and which is found in

- (a) ☒ U.S. patent application executed on even date herewith.
- (b) ☐ U.S. patent application executed on _____.
- (c) ☐ U.S. application Serial No. _____ filed on _____.
- (d) ☐ U.S. provisional application No. _____
filed on _____.
- (e) ☐ U.S. Patent No. _____ issued _____.
- (f) ☐ PCT application No. _____
filed on _____
☐ A change of address to which correspondence is to be sent
regarding patent maintenance fees is being sent
separately.
- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority
and, in and to, all Letters Patent to be obtained for said invention by the above application
or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as
to letters patent any reissue or re-examination thereof

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

ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenants to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grants ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

WARNING: Date of signing must be the **same as** the date of execution of the application if item (a) was checked above.

Joanna Ackley
Joanna Ackley

2/22/12
Dated

James D. Allen, IV
James D. Allen, IV

2/9/12
Dated

Ryan C. Artale
Ryan C. Artale

2/28/12
Dated

Kim V. Brandt
Kim V. Brandt

2/22/12
Dated

Dennis W. Butcher
Dennis W. Butcher

2/20/12
Dated

Edward M. Chojin
Edward M. Chojin

2/28/12
Dated

Gary M. Couture
Gary M. Couture

3/5/2012
Dated

James S. Cunningham
James S. Cunningham

2-7-12
Dated

David M. Garrison
David M. Garrison

2/22/12
Dated

Keir Hart
Keir Hart

2/2/12
Dated

Russell D. Hempstead
Russell D. Hempstead

2/6/12
Dated

Glenn A. Horner
Glenn A. Horner

2-2-12
Dated

Daniel A. Joseph
Daniel A. Joseph

2-16-12
Dated

Duane E. Kerr
Duane E. Kerr

2/2/12
Dated

Dylan R. Kingsley
Dylan R. Kingsley

2/23/12
Dated

Peter M. Mueller
Peter M. Mueller

2/8/12
Dated

Jessica E. C. Olson
Jessica E. C. Olson

2/2/12
Dated

Sean T. O'Neill



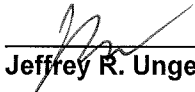
Jason T. Sanders



Robert M. Sharp



John R. Twomey



Jeffrey R. Unger

Dated

2/2/12

Dated

2/6/12

Dated

2/16/12

Dated

2/16/12

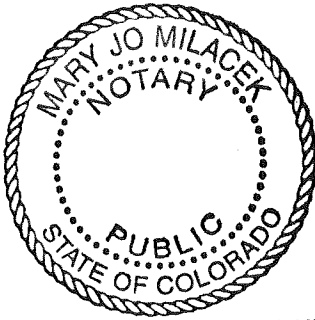
Dated

[X] Notarization or Legalization Page Added.

State of Colorado)
) ss
County of Boulder)

Before me this 22 day of February 2012,

personally appeared **Joanna Ackley** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 9 day of February 2012,

personally appeared **James D. Allen, IV** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 28 day of February 2012,

personally appeared **Ryan C. Artale** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 22 day of February 2012,

personally appeared **Kim V. Brandt** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 20 day of February 2012,

personally appeared **Dennis W. Butcher** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

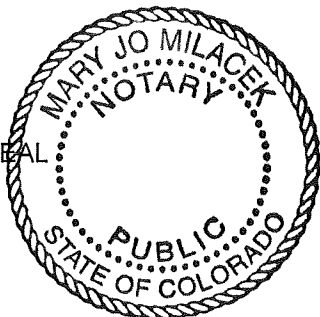
Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 23 day of February 2012,

personally appeared **Edward M. Chojin** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 5 day of March 2012,

personally appeared **Gary M. Couture** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

State of Colorado)
) ss
County of Boulder)

Before me this 7 day of February 2012,

personally appeared **James S. Cunningham** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

State of Colorado)
) ss
County of Boulder)

Before me this 22 day of February 2012,

personally appeared **David M. Garrison** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

State of Colorado)
) ss
County of Boulder)

Before me this 2 day of February 2012,

personally appeared **Keir Hart** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

State of Colorado)
) ss
County of Boulder)

Before me this 6 day of February 2012,

personally appeared **Russell D. Hempstead** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

State of Colorado)
) ss
County of Boulder)

Before me this 2 day of February 2012,

personally appeared **Glenn A. Horner** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

State of Colorado)
) ss
County of Boulder)

Before me this 16 day of February 2012,

personally appeared **Daniel A. Joseph** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 2 day of February 2012,

personally appeared **Duane E. Kerr** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

Page 11 of 15

State of Colorado)
) ss
County of Boulder)

Before me this 23 day of February 2012,

personally appeared **Dylan R. Kingsley** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 8 day of February 2012,

personally appeared **Peter M. Mueller** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

Page 12 of 15

State of Colorado)
) ss
County of Boulder)

Before me this 2 day of February 2012,

personally appeared **Jessica E. C. Olson** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Mary Jo Milacek
Notary Public

AFFIX SEAL



My Commission Expires 02/28/2015

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Sean T. O'Neill** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

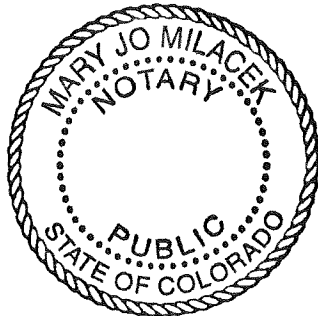
Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this 2 day of February 2012,

personally appeared **Jason T. Sanders** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 6 day of February 2012,

personally appeared **Robert M. Sharp** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



AFFIX SEAL

My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 16 day of February 2012,

personally appeared **John R. Twomey** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this 16 day of February 2012,

personally appeared **Jeffrey R. Unger** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.



My Commission Expires 02/28/2015

Mary Jo Milacek
Notary Public

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For: ☒ U.S. Application or ☐ U.S. Patent
By : ☒ Inventor(s) or ☐ Present Owner

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Jeffrey R. Unger

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on: _____

Reel _____

Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

TYCO Healthcare Group LP

(Type or print name of ASSIGNEE)

Address

15 Hampshire Street

Mansfield, MA 02048

U.S.A.

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

☒ the entire right, title and interest

☐ an undivided _____ percent (_____%) interest for the United States and its territorial possessions

☒ and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

SURGICAL TISSUE SEALER

(title of invention)

and which is found in

- (a) ☒ U.S. patent application executed on even date herewith.
- (b) ☐ U.S. patent application executed on _____.
- (c) ☐ U.S. application Serial No. _____ filed on _____.
- (d) ☐ U.S. provisional application No. _____
filed on _____.
- (e) ☐ U.S. Patent No. _____ issued _____.
- (f) ☐ PCT application No. _____
filed on _____
☐ A change of address to which correspondence is to be sent
regarding patent maintenance fees is being sent
separately.
- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority
and, in and to, all Letters Patent to be obtained for said invention by the above application
or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as
to letters patent any reissue or re-examination thereof

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WARNING: Date of signing must be the **same as** the date of execution of the application if item (a) was checked above.

Joanna Ackley

Dated

James D. Allen, IV

Dated

Ryan C. Artale

Dated

Kim V. Brandt

Dated

Dennis W. Butcher

Dated

Edward M. Chojin

Dated

Gary M. Couture

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Sean T. O'Neill

2/27/12
Dated

Jason T. Sanders

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Robert M. Sharp

Dated

John R. Twomey

Dated

Jeffrey R. Unger

Dated

[X] Notarization or Legalization Page Added.

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Joanna Ackley** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **James D. Allen, IV** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Ryan C. Artale** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Kim V. Brandt** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Dennis W. Butcher** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Edward M. Chojin** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Gary M. Couture** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **James S. Cunningham** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **David M. Garrison** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Keir Hart** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Russell D. Hempstead** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Glenn A. Horner** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Daniel A. Joseph** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Duane E. Kerr** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Dylan R. Kingsley** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Peter M. Mueller** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Jessica E. C. Olson** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Sean T. O'Neill** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Jason T. Sanders** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Robert M. Sharp** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **John R. Twomey** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

State of Colorado)
) ss
County of Boulder)

Before me this ____ day of _____ 2012,

personally appeared **Jeffrey R. Unger** to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL