

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Shu Kuen Chang	02/10/2012
Stephan Merkle	02/10/2012
Subrat K. Samantray	02/21/2012
Grant T. Sims	02/08/2012
Sean T. O'Neill	02/24/2012
Ryan C. Artale	02/28/2012
Tony Moua	02/08/2012
Robert M. Sharp	02/28/2012
Roland J. Wyatt	03/07/2012

RECEIVING PARTY DATA

Name:	TYCO Healthcare Group LP
Street Address:	15 Hampshire Street
City:	Mansfield
State/Country:	MASSACHUSETTS
Postal Code:	02048

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29415267

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

CH \$40.00 29415267

Address Line 4: Boulder, COLORADO 80301-3299

ATTORNEY DOCKET NUMBER:

H-EB-00455 (203-8864)

NAME OF SUBMITTER:

Thomas A. Beaton

Total Attachments: 32

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Attorney Docket No. H-EB-00455 (203-8864)
PATENT

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:

Shu Kuen Chang
Stephan Merkle
Subrat K. Samantray
Grant T. Sims
Sean T. O'Neill
Ryan C. Artale
Tony Moua
Robert M. Sharp
Roland J. Wyatt

(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:

HANDLE FOR LAPAROSCOPIC DEVICE WITH INTEGRAL ROTATION WHEEL

(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. _____
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- ☐ 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.

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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.

Shu Kuen Chang

Dated

Stephan Merkle

Dated

Subrat Kumar Samantray
Subrat K. Samantray

21st FEB 2012
Dated

Grant T. Sims

Dated

Sean T. O'Neill

Dated



Page 2 of 8

Ryan C. Artale

Dated

Tony Moua

Dated

Robert M. Sharp

Dated

Roland J. Wyatt

Dated

☒ [X] Notarization or Legalization Page Added.

State of Illinois)
) ss
County of _____)

Before me this ____ day of _____, 2012,

personally appeared **Shu Kuen Chang** 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 Illinois)
) ss
County of _____)

Before me this ____ day of _____, 2012,

personally appeared **Stephan Merkle** 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 Karnataka)
Bengaluru (INDIA)) ss

Before me this 21st day of February 2012,

personally appeared **Subrat K. Samantray** 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.

Subrat K. Samantray

Notary Public

AFFIX SEAL



ATTESTED BY ME
K.A. Appanna
K.A. APPANNA, B.Sc., LL.B.
ADVO. & NOTARY, GOVT. OF INDIA.
40/1152, 'Kasturba', 13th 'A' Mile
Judicial Layout, G.K.V.K. P.O.
BANGALORE 560 004

21 FEB 2012

State of Colorado)
County of Boulder) ss

Before me this ____ day of _____ 2012,

personally appeared **Grant T. Sims** 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 California)
) ss
County of _____)

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 **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 **Tony Moua** 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 _____)
County of _____) ss

Before me this _____ day of _____, 2012,

personally appeared **Roland J. Wyatt** 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

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Sean T. O'Neill
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Tony Moua
Robert M. Sharp
Roland J. Wyatt

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Frame _____

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U.S.A.
Nationality

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(title of invention)

and which is found in

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- (d) ☐ U.S. provisional application No. _____
filed on _____
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regarding patent maintenance fees is being sent
separately.
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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
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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.

Shu Kuen Chang

Dated

Stephan Merkle

Dated

Subrat K. Samantray

Dated

Grant T. Sims

Dated

Sean T. O'Neill

Dated

2/24/12

Ryan C. Artale

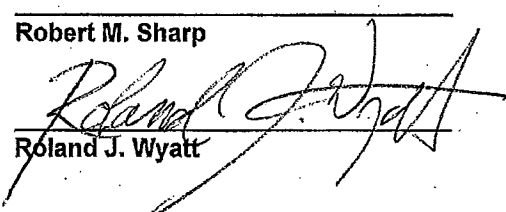
Dated

Tony Moua

Dated

Robert M. Sharp

Dated



Roland J. Wyatt

3/7/2012

Dated

[X] Notarization or Legalization Page Added.

State of Illinois)
) ss
County of _____)

Before me this ____ day of _____ 2012,

personally appeared **Shu Kuen Chang** 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 Illinois)
) ss
County of _____)

Before me this ____ day of _____ 2012,

personally appeared **Stephan Merkle** 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

_____))
_____) ss
_____)

Before me this ____ day of _____ 2012,

personally appeared **Subrat K. Samantray** 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)
County of Boulder) ss
_____)

Before me this ____ day of _____ 2012,

personally appeared **Grant T. Sims** 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 California)
) ss
County of _____)

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 **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 **Tony Moua** 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 _____)
County of _____) ss

Before me this ____ day of _____ 2012,

personally appeared **Roland J. Wyatt** 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

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By : ☒ Inventor(s) or ☐ Present Owner

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Subrat K. Samantray
Grant T. Sims
Sean T. O'Neill
Ryan C. Artale
Tony Moua
Robert M. Sharp
Roland J. Wyatt**

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U.S.A.
Nationality

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(title of invention)

and which is found in

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- (c) ☐ U.S. application Serial No. _____ filed on _____.

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was checked above.

Shu Kuen Chang

Dated

Stephan Merkle

Dated

Subrat K. Samantray

Dated




Grant T. Sims

2/8/2012
Dated

Sean T. O'Neill


Dated



Ryan C. Artale

2/28/12


Dated



Tony Moua

2/8/12

Dated



Robert M. Sharp

2/28/12

Dated

Roland J. Wyatt

Dated

[X] Notarization or Legalization Page Added.

State of Illinois)
) ss
County of _____)

Before me this ____ day of _____ 2012,

personally appeared **Shu Kuen Chang** 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 Illinois)
) ss
County of _____)

Before me this ____ day of _____ 2012,

personally appeared **Stephan Merkle** 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

_____) ss

Before me this ____ day of _____ 2012,

personally appeared **Subrat K. Samantray** 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)
County of Boulder) ss

Before me this 8 day of February 2012,

personally appeared **Grant T. Sims** 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 California)
) ss
County of _____)

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 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.



My Commission Expires 02/28/2015

AFFIX SEAL

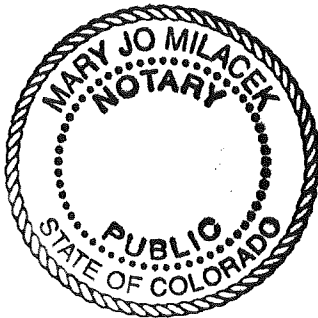
Mary Jo Milacek
Notary Public

State of Colorado)
) ss
County of Boulder)

Before me this 8 day of February 2012,

personally appeared **Tony Moua** 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 **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 _____)
County of _____) ss

Before me this ____ day of _____ 2012,

personally appeared **Roland J. Wyatt** 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

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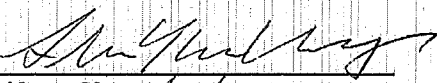
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known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal
equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute
and deliver any and all papers that may 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.

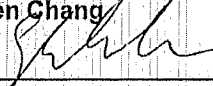
ASSIGNORS hereby grants ASSIGNEE and Assignee's attorneys the power to insert the
Serial No. and/or filing date of the above-described application(s) after such information becomes known to
them.

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.



Shu Kuen Chang



Stephan Merkle

Subrat K. Samantray

Grant T. Sims

Sean T. O'Neill

02/10/2012
Dated

02/10/2012
Dated

Dated

Dated

Dated

Ryan C. Artale

Dated

Tony Moua

Dated

Robert M. Sharp

Dated

Roland J. Wyatt

Dated

[X] Notarization or Legalization Page Added.

State of Illinois

County of Cook

)
) ss
)

Before me this 10th day of February 2012,

personally appeared **Shu Kuen Chang** 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.

John Shavers
Notary Public

AFFIX SEAL



State of Illinois

County of Cook

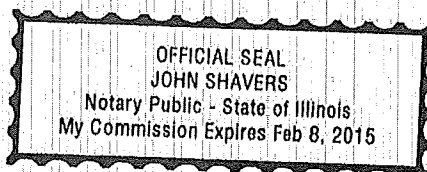
)
) ss
)

Before me this 10 day of February 2012,

personally appeared **Stephan Merkle** 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.

John Shavers
Notary Public

AFFIX SEAL



_____) ss
_____)

Before me this ____ day of _____ 2012,

personally appeared **Subrat K. Samantray** 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 **Grant T. Sims** 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 California)
) ss
County of _____)

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 **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 **Tony Moua** 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 _____)
County of _____) ss

Before me this ____ day of _____ 2012,

personally appeared **Roland J. Wyatt** 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