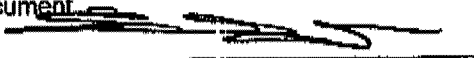


Client Code: LLLHC.011NP

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1) Liming Cheng; 2) Yan Yu 3) Zhili Zeng; 4) Wei Xu 5) Yongwei Jia; 6) Lie Qian 7) Rui Zhu; 8) Jianjie Wang 9) Zhouhui Wu</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Tongji University Street Address: No. 1239 Siping Road City: Shanghai Country: CHINA ZIP: 200092</p> <p>Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1) November 18, 2010; 2) November 18, 2010 3) November 18, 2010; 4) November 18, 2010 5) November 18, 2010; 6) November 18, 2010 7) November 18, 2010; 8) November 18, 2010 9) November 18, 2010</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p><input checked="" type="checkbox"/> Patent Application No.: 13/376,502 Filing Date: August 20, 2010</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995</p> <p>Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: LLLHC.011NP</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>Eli A. Loots</u>  <u>December 22, 2011</u> Name of Person Signing Signature Date</p> <p>54,715 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 15</p>	

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ASSIGNMENT OF PATENT RIGHTS
专利权转让证明

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged,
基于等价有偿, 兹确认其足数并已收讫

Liming CHENG, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
程黎明, 上海市新村路 389 号, 邮编 200092, 以及

Yan YU, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
于研, 上海市新村路 389 号, 邮编 200092, 以及

Zhili ZENG, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
曾至立, 上海市新村路 389 号, 邮编 200092, 以及

Weij XU, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
徐委, 上海市新村路 389 号, 邮编 200092, 以及

Yongwei JIA, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
贾永伟, 上海市新村路 389 号, 邮编 200092, 以及

Lie QIAN, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
钱列, 上海市新村路 389 号, 邮编 200092, 以及

Rui ZHU, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
朱睿, 上海市新村路 389 号, 邮编 200092, 以及

Jianjie WANG, having an address of No. 389, Xincun Road, Shanghai, 200092, China, and
王建杰, 上海市新村路 389 号, 邮编 200092, 以及

Zhourui WU, having an address of No. 389, Xincun Road, Shanghai, 200092, China,
吴周睿, 上海市新村路 389 号, 邮编 200092,

(collectively, "Assignor"),

(统称为) "转让人")

effective as of November 27, 2009 hereby sells, assigns, transfers, and conveys unto Tongji
University, No. 1239 Siping Road, Shanghai 200092, China ("Assignee"), all right, title, and interest

that exist today and may exist in the future in and to any and all of the following (collectively, the "Rights"):

自 2009 年 11 月 27 日起生效, 将现在存在而且将来可能存在于以下任何或所有项目中的所有权利, 所有权, 以及收益权 (统称为该 "权利") 出售, 转让和转移给 同济大学, 上海市四平路 1239 号 邮编 200092 ("受让人"):

1. the inventions disclosed in the solution report/invention disclosure titled Self-Unlocked Bidirectional Dynamic Rod and all inventions claimed and/or described in the Application (collectively, the "Invention");

在方案报告/发明披露书中揭示的标题为 Self-Unlocked Bidirectional Dynamic Rod 的发明以及以下申请中请求保护以及/或者描述的所有发明 (统称为该 "发明"):

2. the patent applications listed in the table below (the "Application");

下表中所列的专利申请（该“申请”）：

Patent Application No. 专利申请号码	Country 国家	Filing Date 申请日	Title 标题
PCT/CN2010/076195	PCT	20 August 2010	SYSTEM FOR GRADUAL DYNAMIC SPINAL FIXATION

3. all rights with respect to the Invention, including all UNITED STATES patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application ("Potential Patents");

与该发明有关的所有权利，包括与该发明有关的或者来自任何直接的或间接的分案申请，继续申请，部分继续申请，或其他要求该申请优先权的专利申请的所有美国专利或其他政府授权或颁证（“潜在专利”）；

4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;

该潜在专利的所有再颁，复审，续展，或者注册；

5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;

与该发明、专利申请、和潜在专利相关的全部非美国专利、非美国专利申请和对应申请，包括，但不限于，发明证书、实用新型、工业品外观设计保护、外观设计专利保护，以及其他政府授权或颁证（“外国权利”），并包括直接以受让人，其继承人以及再受让人的名义提交外国申请的权利；

6. all rights to claim priority rights deriving from the Application;

要求源于该申请的优先权的所有权利；

7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and

与任何或所有该申请，该发明，该潜在专利，以及该外国权利相关的所有诉由和救济（包括，但不限于，对过去，现在，或将来的对与任何前述相关的权利的侵害，滥用或侵权行为提起诉讼的权利以及领取任何前述下或由其产生的使用费和其他报酬的权利）；以及

8. any and all other rights and interests arising out of, in connection with, or in relation to the

Application, the Invention, Potential Patents, and the Foreign Rights.

由该申请, 该发明, 潜在专利, 以及该外外权利产生的, 与之关联的或涉及它们的任何和所有其他权利和利益。

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

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Assignor hereby authorizes and requests authorized representative to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

转让人特此授权并要求授权代表人在得知申请日以及专利申请号码之后将其填入本转让证明上面的表格中。

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

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[Signature Page(s) to Follow]

[下面是签名页]

By: 程黎明 Liming Cheng
 签名: _____
 Print name: Liming CHENG 程黎明
 打印名称: _____

ATTESTATION
证明

The undersigned witnessed the signature of Liming CHENG to this document and makes the following statements:

下面签署人见证了程黎明签署此文件，特作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
 我年满 18 周岁，若被要求，有能力对本证词的事实予以证实。
2. Liming CHENG is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010, to execute this document.
 程黎明本人，为我所知（或有充分证据证明其身份），并于 20 10 年 11.18 在我面前签署此文件。
3. Liming CHENG subscribed to this document.
 程黎明同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Yongwei JIA
 签名: _____
 Print name: Yongwei JIA 贾永伟
 打印名称: _____

By: Zhili ZENG
 签名: _____
 Print name: Zhili ZENG 曾至立
 打印名称: _____

By: Yan Yu 子研
 签名: _____
 Print name: Yan YU 子研
 打印名称: _____

ATTESTATION
证明

The undersigned witnessed the signature of Yan YU to this document and makes the following statements:

下面签署人见证了子研签署此文件，特作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
 我年满 18 周岁，若被要求，有能力对本证词的事实予以证实。
2. Yan YU is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010, to execute this document.
 子研本人，为我所知（或有充分证据证明其身份），并于 2010 年 11.18 在我面前签署此文件。
3. Yan YU subscribed to this document.
 子研同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Yongwei JIA 贾永伟
 签名: _____
 Print name: Yongwei JIA 贾永伟
 打印名称: _____

By: Zhili ZHENG 曾至立
 签名: _____
 Print name: Zhili ZHENG 曾至立
 打印名称: _____

By: Zhili ZENG (曾立)
签名:

Print name: Zhili ZENG 曾立
打印名称:

ATTESTATION
证词

The undersigned witnessed the signature of Zhili ZENG to this document and makes the following statements:

下面签署人见证了曾立签署此文件，并作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
我年满 18 周岁，若被要求，有能力对本证词的事实予以证实。
2. Zhili ZENG is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010, to execute this document.
曾立本人，为我所知（或有充分证据证明其身份），并于 2010 年 11.18 在我面前签署此文件。
3. Zhili ZENG subscribed to this document.
曾立同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Liming Cheng (程黎明)
签名:

Print name: Liming CHENG 程黎明
打印名称:

By: Yan Yu (于研)
签名:

Print name: Yan YU 于研
打印名称:

By: 徐委 Wei Xu
签名:

Print name: Wei XU 徐委
打印名称:

ATTESTATION
证词

The undersigned witnessed the signature of Wei XU to this document and makes the following statements:

下面签署人见证了徐委签署此文件，特作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
我年满 18 周岁，若被要求，有能力对本证词的事实予以证实。
2. Wei XU is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010, to execute this document.
徐委本人，为我所知（或有充分证据证明其身份），并于 2010 年 11.18 在我面前签署此文件。
3. Wei XU subscribed to this document.
徐委同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: 程黎明 Liming Cheng
签名:

Print name: Liming CHENG 程黎明
打印名称:

By: Yan Yu 于研
签名:

Print name: Yan YU 于研
打印名称:

By: Yongwei JIA 贾永伟
 签名: _____
 Print name: Yongwei JIA 贾永伟
 打印名称: _____

ATTESTATION
证明

The undersigned witnessed the signature of Yongwei JIA to this document and makes the following statements:

下面签署人见证了贾永伟签署此文件，特作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
 我年满 18 周岁，若被要求，有能力对本证明的事实予以证实。
2. Yongwei JIA is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010, to execute this document.
 贾永伟本人，为我所知（或有充分证据证明其身份），并于 2010 年 11.18 在我面前签署此文件。
3. Yongwei JIA subscribed to this document.
 贾永伟同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Liming Cheng 黎明
 签名: _____
 Print name: Liming CHENG 程黎明
 打印名称: _____

By: Yan Yu 于研
 签名: _____
 Print name: Yan YU 于研
 打印名称: _____

By: Lie Qian 钱列
 签名: _____
 Print name: Lie QIAN 钱列
 打印名称: _____

ATTESTATION
证明

The undersigned witnessed the signature of Lie QIAN to this document and makes the following statements:

下面签署人见证了钱列签署此文件，特作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
 我年满18周岁，若被要求，有能力对本证词的事实予以证实。
2. Lie QIAN is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010, to execute this document.
 钱列本人，为我所知（或有充分证据证明其身份），并于2010年11.18在我面前签署此文件。
3. Lie QIAN subscribed to this document.
 钱列同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Liming CHENG 程黎明
 签名: _____
 Print name: Liming CHENG 程黎明
 打印名称: _____

By: Yan YU 于研
 签名: _____
 Print name: Yan YU 于研
 打印名称: _____

By: Rui ZHU 朱睿
 签名: _____
 Print name: Rui ZHU 朱睿
 打印名称: _____

ATTESTATION
证词

The undersigned witnessed the signature of Rui ZHU to this document and makes the following statements:

下面签署人见证了朱睿签署此文件，特作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
 我年满 18 周岁，若被要求，有能力对本证词的事实予以证实。
2. Rui ZHU is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010, to execute this document.
 朱睿本人，为我所知（或有充分证据证明其身份），并于 2010 年 11.18 在我面前签署此文件。
3. Rui ZHU subscribed to this document.
 朱睿同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Liming Cheng 程黎明
 签名: _____
 Print name: Liming CHENG 程黎明
 打印名称: _____

By: Yan YU 于研
 签名: _____
 Print name: Yan YU 于研
 打印名称: _____

By: Jianjie WANG 王建杰
 签名: _____
 Print name: Jianjie WANG 王建杰
 打印名称: _____

ATTESTATION
证词

The undersigned witnessed the signature of Jianjie WANG to this document and makes the following statements:

下面签署人见证了王建杰签署此文件，并作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
 我年满 18 周岁，若被要求，有能力对本证词的事实予以证实。
2. Jianjie WANG is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010 to execute this document.
 王建杰本人，为我所知（或有充分证据证明其身份），并于 2010 年 11.18 在我面前签署此文件。
3. Jianjie WANG subscribed to this document.
 王建杰同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关的证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Liming Cheng
 签名: _____
 Print name: Liming CHENG 程黎明
 打印名称: _____

By: Yan YU 于研
 签名: _____
 Print name: Yan YU 于研
 打印名称: _____

By: Zhourui WU 吴周睿
 签名: _____
 Print name: Zhourui WU 吴周睿
 打印名称: _____

ATTESTATION
证明

The undersigned witnessed the signature of Zhourui WU to this document and makes the following statements:

下面签署人见证了吴周睿签署此文件，特作以下陈述：

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
 我年满 18 周岁，若被要求，有能力对本证词的事实予以证实。
2. Zhourui WU is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 11.18, 2010 to execute this document.
 吴周睿本人，为我所知（或有充分证据证明其身份），并于 2010 年 11.18 在我面前签署此文件。
3. Zhourui WU subscribed to this document
 吴周睿同意本文件。

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

根据美利坚合众国法律有关伪证处罚以及本文件可能面临的任何其他司法管辖区的处罚法的规定，本人声明上述信息是真实的，正确的。

By: Liming CHENG 程黎明
 签名: _____
 Print name: Liming CHENG 程黎明
 打印名称: _____

By: Yan YU 于研
 签名: _____
 Print name: Yan YU 于研
 打印名称: _____

ACCEPTANCE BY ASSIGNEE

受让人接受书

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of Tongji University. I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that (check all that apply):

在任何要求需要受让人为转让提供接受书的管辖权, 我兹代表同济大学接受本转让书。我以美利坚合众国法律和本文件可能被提交的任何其他管辖区域的法律保证 (请检查所有适用选项),

I am an officer of the above-identified ASSIGNEE, 我是上述确认的受让人的官员,

I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors, 我接受受让人董事会的全权委托, 代表受让人签署本文件,

and that all the foregoing is true and correct.

上述文件真实无误。

Dated: Dec. 25, 2010
日期:

By: Pengfei HE
签名人:

Name: Pengfei HE 贺鹏飞
姓名:

Title: Authorized person
职务: