# DP \$80,00 11504

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE:      | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |

### **CONVEYING PARTY DATA**

| Name             | Execution Date |
|------------------|----------------|
| James G. Walen   | 10/05/2006     |
| Robert Brindley  | 10/04/2006     |
| Trevor M. Land   | 10/04/2006     |
| Liam C. Cosgrove | 01/16/2007     |

#### **RECEIVING PARTY DATA**

| Name:           | Stryker Corporation |
|-----------------|---------------------|
| Street Address: | 2725 Fairfield Road |
| City:           | Kalamazoo           |
| State/Country:  | MICHIGAN            |
| Postal Code:    | 49002               |

## PROPERTY NUMBERS Total: 2

| Property Type       | Number    |  |
|---------------------|-----------|--|
| Application Number: | 11504945  |  |
| PCT Number:         | US0635204 |  |

#### **CORRESPONDENCE DATA**

Fax Number: (269)323-2340

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 269.323.7700 x4249

Email: docket.instruments@stryker.com

Correspondent Name: Paul McAdams
Address Line 1: Stryker Corporation
Address Line 2: 4100 E. Milham Ave

Address Line 4: Kalamazoo, MICHIGAN 49001-6197

| ATTORNEY DOCKET NUMBER: | INST524UTIL  |
|-------------------------|--------------|
| NAME OF SUBMITTER:      | Paul McAdams |
|                         | PATENT       |

**Total Attachments: 8** 

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**PATENT** 

|                     | **                                | e and interest in invention<br>rs; single assignee) | Docket No.<br>INSTS24UTIL                             |  |
|---------------------|-----------------------------------|---|---|--|
| This is an A        | esignment of the following rights | , title and interest: (check all that apply):       |   |  |
| $\boxtimes$         | United States of America rights   | s, title and interest in the invention              |   |  |
| 23                  | Foreign rights, title and interes | t in the invention                                  |   |  |
| $\boxtimes$         | United States Patent Application  | in Serial No. 11/504,945                            |   |  |
|                     | Date of Execution:                | Date of Filing: 16 AUG 2006                         |   |  |
|                     | United States Provisional Pater   | nt Application Serial No.                           |   |  |
|                     | United States Patent No(s).       |   |   |  |
| ⋈                   | International (PCT) Patent Ap     | plication Serial No. PCT/US2006/ 35204              |   |  |
|                     | Other (specify)                   |   |   |  |
| OSCILLATI           |                                   | ING TIP SAW BLADE WITH SELF CLEANING HEA            | AD  |  |
|                     | Name                              | Address   |   |  |
| James G.            | Walen                             | 1706, Sheridan Drive, Kalamazoo, MI 4900            | 1706, Sheridan Drive, Kalamazoo, MI 49001             |  |
| Robert Bri          | ndley                             | 70\$2 South Shore Drive, Delton, MI 49046           | 70 2 South Shore Drive, Delton, Mi 49046              |  |
| Liam C. C           | osgrove                           | Gillogue, Clonlara, County Clare, Republic          | Gillogue, Clonlara, County Clare, Republic of Ireland |  |
| Trevor M.           | Land                              | 7133 North 35th Street, Richland, MI 49083          | 3   |  |
| Assignee            |                                   |   |   |  |
|                     | Name                              | Address   |   |  |
| Stryker Corporation |                                   | 2725 Fairfield Road<br>Kalamazoo, MI 49002          |   |  |

[Page 1 of 4 ]

AS98A/REV01

**PATENT REEL: 018805 FRAME: 0624** 

## Assignment of Rights. Title and Interest in Invention (Multiple inventors; single assignee)

Docket No.

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

| Name             | Signature/Date |
|------------------|----------------|
| James G. Walen   |                |
| Robert Brindley  |                |
| Liam C. Cosgrove |                |
| Trevor M. Land   |                |
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[Page 2 of 4]

PATENT REEL: 018805 FRAME: 0625

# Assignment of Rights, Title and Interest in Invention (Multiple inventors: single assignee)

Docket No.

| (Although notarization is not necessary, it will be conside   | Notarization<br>ered prima facie evidence of execution pursuant to 35 U.S.C. 261.)  |
|---|---|
|   |   |
| Executed this good and October  | , in the year 2006  |
| 6 <del>2</del>  |   |
|   | (Signature of Inventor)   |
| State of  | (Signature of Miretaury)  |
| ·   |   |
| County of   |   |
| execute the same this Say of Cold  KATHLEEN KELLY SMITH  Notary Public, State of Michigan  County of Kalamazoo  My Commission Expires Nov. 17, 2012   | a free act and deed and also represented that he or she is authorized to  in the year Robe  Notary Pytolic  in the year 2006  (Signature of Inventor) |
| State of  | (COSTANTINE S) ACCOUNTY   |
| County of   |   |
| Before me personally appeared Robert Brindley who acknowledged the foregoing instrument to be execute the same this EEN KELLY SMITH of COUNTY Public, State of Michigan County of Kalamazoo My Commission Expires Nov. 17, 2012 Acting in the County of Kalamazoo | a free act and deed and also represented that he or she is authorized to  in the year 2000  Kallon Klaybullo  |
| Executed this day of  | , in the year   |
| at  | (Signature of Inventor)   |
| State of  | (Signature of Inventor)   |
| County of   |   |
| Before me personally appeared Liam C. Cosgrove who acknowledged the foregoing instrument to be execute the same this day of   | a free act and deed and also represented that he or she is authorized to<br>, in the year   |
|   |   |
|   | (Notary Public)   |
|   |   |

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignce)

Docket No.

|         |  |                          |                           |                                       | Natarization   |
|---------|--|--------------------------|---------------------------|---------------------------------------|--|
|         | (Although notarizatio                                      | m iz not ne              | cessary, it w             | rill be considered p                  | rima facie evidence of execution pursition to 35 O.3 C. 761.)                          |
| ai      | Executed this  | 7                        | day of                    | October                               | , in the year 2006   |
|         |  |                          |                           |                                       | (Signature of Inventor)  |
| State o | f  |                          |                           |                                       | , a game of an a con,  |
| County  | of   |                          |                           |                                       |  |
| who a   | e the same this<br>KATHLEE                                 | foregoin<br>4<br>N KELLY | g instrun<br>day<br>SMITH | nent to be a fr<br>of OHDe            | ree act and deed and also represented that he or she is authorized to in the year 2006 |
|         | Notary Public<br>County<br>My Commission                   | of Kalam                 | azoo                      | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | Lathleen Billy Sneth   |
|         | Expented this  | y of                     | day of                    |                                       | , in the year  |
| at      |  |                          |                           |                                       |  |
|         |  |                          |                           |                                       | (Signature of Inventor)  |
| State o | f  |                          |                           |                                       |  |
| Count   | y of   |                          |                           |                                       |  |
| Defere  | me personally a  | maarad                   |                           |                                       |  |
| who a   | cknowledged the  | peureu<br>foregoin       |                           |                                       | ree act and deed and also represented that he or she is authorized to                  |
| execut  | e the same this  |                          | day                       | of                                    | in the year  |
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|         | Executed this  |                          | day of                    |                                       | , in the year  |
| at      |  |                          |                           |                                       |  |
|         |  |                          |                           |                                       | (Signature of Inventor)  |
| State o | of   |                          |                           |                                       | ,  |
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| who a   | e me personally a<br>tecknowledged the<br>te the same this | opeared<br>foregoù       | ig instrui<br>day         |                                       | ree act and deed and also represented that he or she is authorized to<br>in the year   |
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|         |  |                          |                           |                                       | (Notary Public)  |
|         |  |                          |                           |                                       |  |

| ś                             | Assignment of Rights, Title and (Multiple inventors; si |   | Docket No. INSTS24UTIL |  |
|-------------------------------|---|---|------------------------|--|
| This is an As                 | signment of the following rights, title                 | and interest: (check all that apply):                 |                        |  |
| <b>3</b> 3                    | United States of America rights, title                  | and interest in the invention                         |                        |  |
| <b>(X)</b>                    | Foreign rights, title and interest in th                | ie invention  |                        |  |
| 23                            | United States Patent Application Ser                    | ial No. 11/504,945                                    |                        |  |
|                               | Date of Execution:                                      | Date of Filing: 16 AUG 20                             | 006                    |  |
|                               | United States Provisional Patent App                    | lication Serial No.                                   |                        |  |
| ☐ United States Patent No(s). |   |   |                        |  |
| ×                             | International (PCT) Patent Applicat                     | on Serial No. PCT/US2006/ 35204                       |                        |  |
|                               | Other (specify)   |   |                        |  |
| mor Cab F                     | · ·   |   |                        |  |
| Title of the I                |   | AD AND TOOLLESS BLADE COUPLING                        |                        |  |
| Inventors (as                 | signors)  |   |                        |  |
|                               | Name  | Address   | Address                |  |
| James G. \                    | Valen   | 1706, Sheridan Drive, Kalamazoo, MI 49001             |                        |  |
| Robert Brin                   | dley  | 7052 South Shore Drive, Deiton, MI 49                 | 9046                   |  |
| Liam C. Co                    | sgrove  | Gillogue, Clonlara, County Clare, Republic of Ireland |                        |  |
| Trevor M. I.                  | and   | 7133 North 35th Street, Richland, MI 4                | 9083                   |  |
|                               |   |   |                        |  |
|                               |   |   |                        |  |
| Assignee                      |   |   |                        |  |
|                               | Name  | Address   |                        |  |
| Stryker Cor                   | poration  | 2725 Fairfield Road<br>Kalamazoo, Mt 49002            |                        |  |

[Page 1 of 4 ] ASGGA/REVOI

## Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignce)

Docket No. INST324UTIL

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

| Name             | Signature/Date          |
|------------------|-------------------------|
| James G. Walen   |                         |
| Robert Brindley  |                         |
| Liam C. Cosgrove | Kan Congram 16 Jan 2007 |
| Trevor M. Land   |                         |
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[Page 2 of 4]

# Assignment of Rights, Title and Interest in Invention (Multiple inventors; single assignee)

Oocket No.

|   | ***************************************            |  |
|---|--|--|
|   |  | N  |
| (Although notarization is   | not necessary, it will be consider                 | Notarization red prima facie evidence of execution pursuant to 35 U.S.C. 261.)                                   |
| Executed this   | day of   | , in the year  |
| at .  |  |  |
|   |  |  |
| A   |  | (Signature of Inventor)  |
| State of  |  |  |
| County of   |  |  |
| Before me personally appea  |  |  |
|   |  | a free act and deed and also represented that he or she is authorized to<br>, in the year                        |
| execute the same this   | day of   | , u me yeur  |
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| Executed this   | day of   | , in the year  |
| at  |  |  |
|   |  |  |
| Daniel v on C   |  | (Signature of Inventor)  |
| State of  |  |  |
| County of   |  |  |
| Before me personally appea  | ured Robert Brindley                               |  |
| who acknowledged the for  | egoing instrument to be a                          | a free act and deed and also represented that he or she is authorized to   |
| execute the same this   | day of   | , in the year  |
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|   |  | (Notary Public)  |
| Executed this   | day of   | (Notary Public)  |
|   | day of   | , in the year  |
|   | day of   |  |
| at  | day of   |  |
| at  | day of   | , in the year  |
| Executed this<br>at<br>State of<br>County of  | day of   | , in the year  |
| at<br>State of<br>County of   |  | , in the year  |
| at<br>State of<br>County of<br>Before me personally appea                             | <i>ired</i> Liam C. Cosgrove                       | , in the year  (Signature of Inventor)  a free act and deed and also represented that he or she is authorized to |
| at<br>State of<br>County of<br>Before me personally appea<br>who acknowledged the for | <i>ired</i> Liam C. Cosgrove                       | , in the year  (Signature of Inventor)   |
| at<br>State of<br>County of<br>Before me personally appea                             | ured Liam C. Cosgrove<br>egoing instrument to be o | , in the year  (Signature of Inventor)  a free act and deed and also represented that he or she is authorized to |
| at<br>State of<br>County of<br>Before me personally appea<br>who acknowledged the for | ured Liam C. Cosgrove<br>egoing instrument to be o | , in the year  (Signature of Inventor)  a free act and deed and also represented that he or she is authorized to |

[Page 3 of 4]

| Assignment of Rights, Title and Interest in Invention<br>(Multiple inventors; single assignee)   |  | Oocket No.<br>INSTE24UTH               |  |
|--|--|--|--|
| (Although notarization is not necessary, it will be co   | Notarization<br>unsidered prima fincie evidence oj execution pursuam | ( to 35 U.S.C. 261 )                   |  |
| Executed this day of<br>ut   | , in the year  |  |  |
| State of   | (Signoture of  | (Signature of Inventor)                |  |
| County of  |  |  |  |
| Before me personally appeared Trevor M. Land who acknowledged the foregoing instrument to execute the same this day of   | o be a free act and deed and also repres<br>in the year              | xented that he or she is authorized to |  |
| The state of the s | (Notary )  | Public)                                |  |
| Executed this day of at  | , in the year  |  |  |
| State of   | (Signature of  | Inventor)                              |  |
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| Before me personally appeared who acknowledged the foregoing instrument to execute the same this day of  | o be a free act and deed and also repre-<br>in the year              | sented that he or she is authorized to |  |
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| Executed this day of at  | , in the year  |  |  |
| State of   | (Signature of  | Inventor)                              |  |
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| Before me personally appeared who acknowledged the foregoing instrument to execute the same this day of  | o be a free act and deed and also repre<br>in the year               | sented that he or she is authorized to |  |
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[Page 4 of 4]