

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT          |               |                      |                     |                         |                |                      |                            |            |                    |            |
|---|-------------------------|---------------|----------------------|---------------------|-------------------------|----------------|----------------------|----------------------------|------------|--------------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT              |               |                      |                     |                         |                |                      |                            |            |                    |            |
| <b>CONVEYING PARTY DATA</b>   |                         |               |                      |                     |                         |                |                      |                            |            |                    |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Phichet NUMNUAL</td> <td>10/01/2009</td> </tr> <tr> <td>Takashi NAKANO</td> <td>10/01/2009</td> </tr> <tr> <td>Prapas CHAROENSILPUTTHAKUN</td> <td>10/01/2009</td> </tr> <tr> <td>Noppadol NGERNPING</td> <td>10/01/2009</td> </tr> </tbody> </table> |                         | Name          | Execution Date       | Phichet NUMNUAL     | 10/01/2009              | Takashi NAKANO | 10/01/2009           | Prapas CHAROENSILPUTTHAKUN | 10/01/2009 | Noppadol NGERNPING | 10/01/2009 |
| Name  | Execution Date          |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Phichet NUMNUAL   | 10/01/2009              |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Takashi NAKANO  | 10/01/2009              |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Prapas CHAROENSILPUTTHAKUN  | 10/01/2009              |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Noppadol NGERNPING  | 10/01/2009              |               |                      |                     |                         |                |                      |                            |            |                    |            |
| <b>RECEIVING PARTY DATA</b>   |                         |               |                      |                     |                         |                |                      |                            |            |                    |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>SEIKO PRECISION INC.</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Akanehama 1-chome,</td> </tr> <tr> <td>City:</td> <td>Narashino-shi, Chiba</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>275-8558</td> </tr> </table>   |                         | Name:         | SEIKO PRECISION INC. | Street Address:     | 1-1, Akanehama 1-chome, | City:          | Narashino-shi, Chiba | State/Country:             | JAPAN      | Postal Code:       | 275-8558   |
| Name:   | SEIKO PRECISION INC.    |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Street Address:   | 1-1, Akanehama 1-chome, |               |                      |                     |                         |                |                      |                            |            |                    |            |
| City:   | Narashino-shi, Chiba    |               |                      |                     |                         |                |                      |                            |            |                    |            |
| State/Country:  | JAPAN                   |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Postal Code:  | 275-8558                |               |                      |                     |                         |                |                      |                            |            |                    |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                         |               |                      |                     |                         |                |                      |                            |            |                    |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12620767</td> </tr> </tbody> </table>   |                         | Property Type | Number               | Application Number: | 12620767                |                |                      |                            |            |                    |            |
| Property Type   | Number                  |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Application Number:   | 12620767                |               |                      |                     |                         |                |                      |                            |            |                    |            |
| <b>CORRESPONDENCE DATA</b>  |                         |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Fax Number: (202)887-0357<br><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i><br>Phone: 202-659-2930<br>Email: rpelayo@kqhpatentlaw.com<br>Correspondent Name: Kratz, Quintos & Hanson, LLP<br>Address Line 1: 1420 K Street, N.W. Suite 400<br>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005  |                         |               |                      |                     |                         |                |                      |                            |            |                    |            |
| ATTORNEY DOCKET NUMBER:   | 090307                  |               |                      |                     |                         |                |                      |                            |            |                    |            |
| NAME OF SUBMITTER:  | Mel R. Quintos          |               |                      |                     |                         |                |                      |                            |            |                    |            |
| Total Attachments: 1<br>source=090307 Assignment#page1.tif  |                         |               |                      |                     |                         |                |                      |                            |            |                    |            |

CH \$40.00 12620767

501021650

**PATENT**  
 REEL: 023550 FRAME: 0713

Docket No. 090307

Kratz, Quintos & Hanson, LLP

## U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by  
**SEIKO PRECISION INC.**

(Insert ASSIGNEE's  
Name(s) Address(es))

**1-1, Akanehama 1-chome, Narashino-shi, Chiba, 275-8558, Japan**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned  
ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title  
and interest to the invention entitled:

(Title of Invention)

**BLADE DRIVE DEVICE**

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith  
unless otherwise indicated below:

November 18, 2009

\* filed on \_\_\_\_\_, Serial No. 12/620,767

(Kratz, Quintos & Hanson, LLP is hereby authorized to insert the serial code, serial number and/or  
filing date hereon, when known)

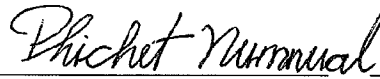
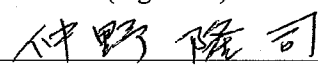
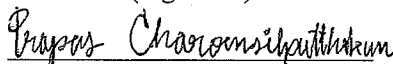
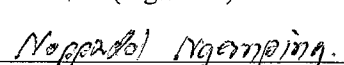
and all Letters Patent of the United States to be obtained therefor on said application or any  
continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for  
which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any  
continuation, divisional, reissue or reexamination applications thereof and also to execute separate  
assignments in connection with such applications as the ASSIGNEE may deem necessary or  
expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,  
litigation, or other legal proceeding which may be declared concerning this application or any  
continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued  
thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing  
evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

|   |                                       |                    |
|---|---------------------------------------|--------------------|
|  | <b>Phichet NUMNUAL</b>                | <u>1/0ct/2009.</u> |
| (Signature)   | (Type Name)                           | (Date)             |
|  | <b>Takashi NAKANO</b>                 | <u>1/0ct/2009</u>  |
| (Signature)   | (Type Name)                           | (Date)             |
|  | <b>Prapas<br/>CHAROENSILPUTTHAKUN</b> | <u>1/0ct/2009</u>  |
| (Signature)   | (Type Name)                           | (Date)             |
|  | <b>Noppadol NGERNPING</b>             | <u>1/0ct/2009.</u> |
| (Signature)   | (Type Name)                           | (Date)             |
| _____   | (Type Name)                           | (Date)             |
| _____   | (Type Name)                           | (Date)             |