

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

| 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>Hidemitsu KOBAYASHI</td><td>09/20/2011</td></tr><tr><td>Noriaki TAN</td><td>09/20/2011</td></tr><tr><td>Kazutoshi TSUCHIDA</td><td>09/20/2011</td></tr><tr><td>Hiroaki WAKABAYASHI</td><td>09/20/2011</td></tr><tr><td>Shigeyuki HIRUKAWA</td><td>09/20/2011</td></tr></tbody></table> | Name                                     | Execution Date | Hidemitsu KOBAYASHI | 09/20/2011 | Noriaki TAN | 09/20/2011 | Kazutoshi TSUCHIDA | 09/20/2011 | Hiroaki WAKABAYASHI | 09/20/2011 | Shigeyuki HIRUKAWA | 09/20/2011 |  |
| Name  | Execution Date                           |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| Hidemitsu KOBAYASHI   | 09/20/2011                               |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| Noriaki TAN   | 09/20/2011                               |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| Kazutoshi TSUCHIDA  | 09/20/2011                               |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| Hiroaki WAKABAYASHI   | 09/20/2011                               |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| Shigeyuki HIRUKAWA  | 09/20/2011                               |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| RECEIVING PARTY DATA  |  |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
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| PROPERTY NUMBERS Total: 1   |  |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| <table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13273868</td></tr></tbody></table>  | Property Type                            | Number         | Application Number: | 13273868   |             |            |                    |            |                     |            |                    |            |  |
| Property Type   | Number                                   |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| Application Number:   | 13273868                                 |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
| CORRESPONDENCE DATA   |  |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
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| ATTORNEY DOCKET NUMBER:   | 111282                                   |                |                     |            |             |            |                    |            |                     |            |                    |            |  |
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| Total Attachments: 1<br>source=111282_Assignment#page1.tif  |  |                |                     |            |             |            |                    |            |                     |            |                    |            |  |

OP \$40.00 13273868

PATENT

501693854

REEL: 027075 FRAME: 0550

**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

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

**Hitachi Aloka Medical, Ltd. of 6-22-1, Mure, Mitaka-shi, Tokyo, 181-8622 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)

**TISSUE INSERTION TYPE ULTRASONIC PROBE**

(\*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:

\* filed on \_\_\_\_\_ Serial No. \_\_\_\_\_

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore 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)

|   |   |                                     |
|---|---|-------------------------------------|
| <u>Hidemitsu Kobayashi</u><br>(Signature) | <u>Hidemitsu KOBAYASHI</u><br>(Type Name) | <u>September 20, 2011</u><br>(Date) |
| <u>Noriaki Tan</u><br>(Signature)         | <u>Noriaki TAN</u><br>(Type Name)         | <u>September 20, 2011</u><br>(Date) |
| <u>Kazutoshi TSUCHIDA</u><br>(Signature)  | <u>Kazutoshi TSUCHIDA</u><br>(Type Name)  | <u>September 20, 2011</u><br>(Date) |
| <u>Hiroaki Wakabayashi</u><br>(Signature) | <u>Hiroaki WAKABAYASHI</u><br>(Type Name) | <u>September 20, 2011</u><br>(Date) |
| <u>Shigeyuki HIRUKAWA</u><br>(Signature)  | <u>Shigeyuki HIRUKAWA</u><br>(Type Name)  | <u>September 20, 2011</u><br>(Date) |
| _____<br>(Signature)                      | _____<br>(Type Name)                      | _____<br>(Date)                     |

NO LEGALIZATION REQUIRED