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| RECORDATION FO  |   |
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| PATENT  | <b>SON</b> 103607521  |
| To the Director of the U.S. Patent and Trademark Office: Please   | e record the attached documents or the new address(es) below.                 |
| 1. Name of conveying party(ies)<br>Masato MIYAZAKI; Hirotaka KAWAI; Tatsuya KISHII;<br>Masayoshi NAKAMURA; and Ken MAKINO   | 2. Name and address of receiving party(ies)<br>Name: Yamaha Corporation       |
| Additional name(s) of conveying party(ies) attached?  | Address: 10-1, Nakazawa-cho, Naka-ku, Hamamatsu-sh<br>Shizuoka 430-8650 Japan |
| 3. Nature of conveyance/Execution Date(s):  | 1   |
| Execution Date(s) August 23, 2010 and August 26, 2010   |   |
| Assignment Merger   |   |
| Security Agreement Change of Name   |   |
| Joint Research Agreement  |   |
| Government Interest Assignment  |   |
| Executive Order 9424, Confirmatory License  |   |
| Other   | Additional name(s) & address(es) attached? 🗌 Yes 🔀 No                         |
| 4. Application or patent number(s): Image: Comparison of the second | document is being filed together with a new application.<br>B. Patent No.(s)  |
| Additional numbers atta<br>5. Name and address to whom correspondence   | ached? Yes X NO<br>6. Total number of applications and patents                |
| concerning document should be mailed:   | involved: 1   |
| Name: Roger R. Wise, Esq.   | 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00                                  |
| Address: <u>PILLSBURY WINTHROP SHAW PITTMAN LLP</u><br>725 South Figueroa Street, Suite 2800  | Authorized to be charged to deposit account                                   |
|   | None required (government interest not affecting title)                       |
| City: Los Angeles   | 8. Payment Information  |
| State: <u>CA</u> Zip: <u>90017-5406</u>   |   |
| Phone Number: 213.488.7584  |   |
| Fax Number: 213.629.1033  | b. Deposit Account Number 00000889739/5 12807849                              |
| Email Address: roger.wise@piłłsburylaw:çom  | Authorized User Name 40. Roger R. Wise, Esq.                                  |
| 9. Signature:   | September 15, 2010  |
| Signature<br>Roger R. Wise  | Date  |
| Name of Person Signing  | sheet, attachments, and document: 2   |
|   | Total number of pages including cover sheet, attachments, and document: 2     |

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PATENT REEL: 025034 FRAME: 0181 Please return signed/recorded to:

**Pillsbury Winthrop Shaw Pittman LLP** Intellectual Property Group 725 South Figueroa Street, Suite 2800 Los Angeles, CA 90017-5406

**USA Patent Appln.** Sole or Joint

For Inventions made outside USA executed with or after application Atty. Dkt. P X.

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Client Ref.

## NONPROVISIONAL

## ASSIGNMENT **OF NONPROVISIONAL APPLICATION**

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

| INSERT      | (1) Masato MIYAZAKI | (2) Hirotaka KAWAI           |
|-------------|---------------------|------------------------------|
| NAME(S) OF  | (3) Tatsuya KISHII  | (4) Masayoshi NAKAMURA       |
| INVENTOR(S) | (5) Ken MAKINO      | x box if continued on page 2 |

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

| INSERT        | Yamaha Corporation                             |
|---------------|--|
| NAME(S) OF    | of 10-1; Nakazawa-cho, Naka-ku, Hamamatsu-shi, |
| ASSIGNEE(S)   | Shizuoka 430-8650 Japan                        |
| & ADDRESS(ES) |  |
|               |  |
|               |  |

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

| TITLE OF<br>INVENTION   | CHARGE PUMP  |  |  |  |  |  |
|---|--|--|--|--|--|--|
|   | for which the undersigned executed an application for Letters Patents of the United States of America: |  |  |  |  |  |
| $\frac{\text{NOTE}}{\text{(Complete)}} \rightarrow \rightarrow$ | (A) 🔀 even date herewith<br>(B) 🗌 on   |  |  |  |  |  |

| (compiete           |         |        |            |   | <br> |    |  |
|---------------------|---------|--------|------------|---|------|----|--|
| line A, B and/or C) | ) (C) [ | in U.S | Appin, No. | 1 | file | ed |  |
| -                   | •••     |        |            | ÷ |      |    |  |
|                     |         |        |            |   | <br> |    |  |

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Latters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testily and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. The undersigned hereby authorize(s) Pillsbury Winthrop Shaw Pitman LLP of the above address to insert hareon any further identification necessary or

 $\underbrace{NOTE}{NOTE} \rightarrow \rightarrow \qquad \text{The undersigned} \\ \text{desirable for recordation of this document.}$ 

|             | INVENTORS                                 | DATE SIGNED                           |   |
|-------------|---|---------------------------------------|---|
| 1 <b>):</b> | <u>Masato Misazaki</u><br>Masato MIYAZAKI | Quy . 26. 20/0                        |   |
| Name:       | Masato MIYAZAKI                           |                                       |   |
| 2)          | Tonotalea (Canai                          | ang. 26.20/0                          |   |
| Name:       | Hirotaka KAWAI                            |                                       |   |
| 3)          | Jatonya Rishii                            | aug- 23,2010                          | _ |
| Name:       | Tatsuya KISHII                            | · · · · · · · · · · · · · · · · · · · | _ |
| 4) Name:    | Masayoshi Makamura                        | aug. 26, 2010                         |   |
| Name:       | Masayoshi NAKAMURA                        |                                       |   |
| 5) Name:    | Kon Macking                               | Quy, 26, 2010                         |   |
| Name:       | Ken MAKINO                                |                                       |   |

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PATENT REEL: 025034 FRAME: 0182

**RECORDED: 09/15/2010**