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OMB No. 0651 -0011 (exp. 4/94) M&G-30980.16-US-01 To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Roland Corporation Shigeru Takahashi 7200 Dominion Circle Los Angeles, California 90040-3696 Additional name(s) of conveying party(ies) attached? 

Yes 

No Nature of conveyance: Assignment Merger Change of Name Security Agreement Other: Execution Date: March 24, 1999 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 09/237,872 Additional numbers attached? 
Yes 
No 6. Total number of applications and patents involved: 1 Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Anna M. Vradenburgh Enclosed Name: Authorized to be charged to deposit account Address: Merchant, Gould, Smith, Edell, Welter & Schmidt 8. Please charge any additional fees or credit any Westwood Gateway II, Suite 400 overpayments to our Deposit account number: 13-2724 11150 Santa Monica Blvd. Los Angeles, CA 90025-3395 04/15/1999 JEHNBAZZ 00000166 09237872 DO NOT USE THIS SPACE 40.00 OP 01 FC:581 9. Statement and signature: 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. Anna M. Vradenburgh Name of Person Signing Signature

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PATENT REEL: 9881 FRAME: 0514

Total number of pages including cover sheet, attachments, and document: 7

## **ASSIGNMENT**

WHEREAS, I, Shigeru Takahashi, residing at 2036–1, Nakagawa, Hosoe–Cho, Inasa–gun, Shizuoka–ken, 431–13, Japan, made certain new and useful inventions and improvements for which I filed an application for Letters Patent of the United States on January 27, 1999, application Serial No. 09/237.872 which is entitled AN ELECTRONIC MUSICAL INSTRUMENT.

AND WHEREAS, Roland Corporation, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 7200 Dominion Circle, Los Angeles, California 90040–3696 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, I have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and I do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, I do hereby agree that I and my executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to me relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

PATENT REEL: 9881 FRAME: 0515 AND, furthermore I covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24th day of March, 1999.

Shigeru Takahashi