

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hoichi Iwamoto</td> <td>05/18/2007</td> </tr> <tr> <td>Hiroshi Emoto</td> <td>05/18/2007</td> </tr> </tbody> </table>		Name	Execution Date	Hoichi Iwamoto	05/18/2007	Hiroshi Emoto	05/18/2007
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Hoichi Iwamoto	05/18/2007						
Hiroshi Emoto	05/18/2007						
RECEIVING PARTY DATA							
Name:	Roland Corporation						
Street Address:	2036-1 Nakagawa, Hosoe-cho						
Internal Address:	Kita-ku, Hamamatsu						
City:	Shizuoka-ken						
State/Country:	JAPAN						
Postal Code:	431-1304						
PROPERTY NUMBERS Total: 1							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11787215</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11787215		
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Application Number:	11787215						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Ted R. Rittmaster						

Total Attachments: 2
 source=assignment#page1.tif

OP \$40.00 11787215

ASSIGNMENT

WHEREAS Hoichi IWAMOTO and Hiroshi EMOTO
of 2036-1, Nakagawa, Hosoe-cho, Kita-ku, Hamamatsu, Shizuoka-ken 431-1304 Japan
hereinafter referred to as "ASSIGNOR") has invented a certain invention entitled:
SWITCHING POWER SUPPLY APPARATUS AND METHOD
for which an application for United States Letters Patent is:

Check executed concurrently herewith
one executed on _____
 assigned Serial No. 11/787,215 Filed 4/13/2007 and

WHEREAS, ROLAND CORPORATION, a corporation duly organized and existing under the laws of Japan, and having its principal place of business at:
2036-1, Nakagawa, Hosoe-cho, Kita-ku, Hamamatsu, Shizuoka-ken 431-1304 Japan
(hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference,

reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert into this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 18 day of May, 2007.

Hoichi Iwamoto

Hoichi IWAMOTO

May 18, 2007
Date

Satoshi Nishimura

Witness

Executed this 18 day of May, 2007.

Hiroshi Emoto

Hiroshi EMOTO

May 18, 2007
Date

Satoshi Nishimura

Witness