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To the Assistant Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, DC 20503. This is a true and correct copy of the original document or copy thereof.

1. Name of conveying party(ies): Katsuhiko ONOUE Toshiharu HOSHI <b>6-13-00</b>		2. Name and Address of receiving party(ies): Yamaha Corporation 10-1, Nakazawa-cho, Hamamatsu-shi Shizuoka-ken, Japan	
Type of Entity: Individuals		Type of Entity: Corporation of Japan	
Additional names(s) of conveying party(ies) attached? No		Additional name(s) & address(es) attached? No	
3. Nature of Conveyance: Assignment		<b>09/593,019</b>	
Execution Date: May 30, 2000			
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: May 30, 2000			
A. Application No.(s)		B. Patent No.(s)	
Additional numbers attached? No			
5. Name and address of party to whom correspondence concerning document should be mailed:  OSTROLENK, FABER, GERB & SOFFEN, LLP 1180 Avenue of the Americas New York, New York 10036-8403		6. Total number of documents involved: 1	
		7. Total fee (37 CFR 3.41): \$ 40.00	
		Enclosed as part of Check No. 94849	
In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.			
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8. 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.			
Steven I. Weisburd Name of Person Signing		 Signature	June 13, 2000 Date
Total number of pages including cover sheet, attachments, and document: 2			

JCS36 U.S. PTO  
09/593019  
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WHEREAS, k (We) KATSUHIKO ONOUE and TOSHIHARU HOSHI of Shizuoka,  
Japan

as assignor(s), have invented certain improvements in

HIGH-CONVERTING EFFICIENCY LARGE-MECHANICAL STRENGTH THERMOELECTRIC MODULE

for which an application for United States Patent  
has been executed by ~~me~~ (us) of even date herewith  
and whereas

YAMAHA CORPORATION

10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan

as assignee, is desirous of acquiring all right, title and  
interest in and to said invention and any Patent that may be  
granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00)  
and other good and valuable consideration, the receipt of  
which is hereby acknowledge, I, as assignor, hereby sell,  
assign and set over to said assignee the entire right, title  
and interest for the United States and all other countries  
in and to said invention and the aforesaid application for  
Patent, all original, divisional, continuation, substitute  
or reissue applications and patents applied for or granted  
therefor in the United States and all other countries,  
including all rights of priority from the filing of said  
application, and all rights for past infringement, and the  
Commissioner of Patents is hereby authorized and requested  
to issue all patents on said invention or resulting there-  
from to said assignee herein, as assignee of the entire  
interest therein; and the undersigned for myself and my  
legal representatives, heirs and assigns do hereby agree and  
covenant without further remuneration, to execute and deliver  
all divisional, continuation, reissue and other applications  
for Patent on said invention and all assignments thereof to  
said assignee or its assigns, to communicate to said assignee  
or its representatives all facts known to the undersigned  
respecting said invention, whenever requested, to testify in  
any interferences or other legal proceedings in which any of  
said applications or patents may become involved, to sign all  
lawful papers, make all rightful oaths, and to do generally  
everything necessary to aid said assignee, its successors,  
assigns and nominees to obtain patent protection for said  
invention in the United States and all countries, the expenses  
incident to said applications to be borne and paid by said assignee.

Dated:

May 30, 2000

Katsuhiko Onoue

May 30, 2000

Toshiharu Hoshi

LEGALIZATION RECOMMENDED