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P/2580-83

PATENTS

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To the Assistant Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Takahiro HAYASHI
Yuma HORIO
Toshiharu HOSHI

Type of Entity: Individuals

Additional names(s) of conveying party(ies) attached? No

2. Name and Address of receiving party(ies):

Yamaha Corporation
10-1, Nakazawa-cho, Hamamatsu-shi
Shizuoka, Japan

Type of Entity: Corporation of Japan

Additional name(s) & address(es) attached? No

3. Nature of Conveyance:

Assignment

Execution Date: November 15, 2001

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: November 15, 2001

A. Application No.(s)

09/996669

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

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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.

Max Moskowitz

Name of Person Signing

Signature

November 29, 2001

Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT
REEL: 012340 FRAME: 0206

U.S. ASSIGNMENT - (SOLE OR JOINT)
LETTERS OR DESIGN PATENT APPLICATION
EXECUTED OUTSIDE U.S.A.

OFCS FILE NO.

1/2580-83

WHEREAS, X (We) TAKAHIRO HAYASHI, YUMA HORIO and

TOSHIHARU HOSHI of Shizuoka, Japan

as assignor(s), have invented certain improvements in

THERMOELECTRIC MATERIAL IMPROVED IN FIGURE OF MERIT, PROCESS FOR

PRODUCING THEREOF AND PELTIER MODULE USING THE SAME

for which an application for United States Patent

has been executed by ~~me~~ (us) of even date herewith

and whereas

YAMAHA CORPORATOIN

10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka, 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 therefrom 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: 15 November 2001

15 Nov. 2001

15 Nov. 2001

LEGALIZATION RECOMMENDED

Takahiro Hayashi

TAKAHIRO HAYASHI

Yuma Horio

YUMA HORIO

Toshiharu Hoshi

TOSHIHARU HOSHI

PATENT

RECORDED: 11/29/2001

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