PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Technova Inc. | 11/27/2007 |

RECEIVING PARTY DATA

| Name: | Thermoelectric Device Development Inc. |
|-----------------|--|
| Street Address: | 22-6, Shinbashi 5-chome |
| City: | Minato-ku, Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 105-0004 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|----------------|---------|
| Patent Number: | 6073449 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 037054.43595US

NAME OF SUBMITTER: Jeffrey D. Sanok, Reg. No. 32,169

Total Attachments: 1 source=43595-2#page1.tif

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PATENT REEL: 020243 FRAME: 0371

ASSIGNMENT

Technova Inc. [hereinafter "Assignor"] is the owner of record of U.S. Patent No. 6,073,449, issued June 13, 2000, and entitled Thermoelectric Apparatus, by virtue of an assignment recorded in the U.S. Patent and Trademark Office; and

WHEREAS, *Thermoelectric Device Development Inc.* [hereinafter "Assignee"], of 22-6, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004, Japan, is desirous of acquiring the entire right, title, and interest in and to the said invention and in and to the said Letters Patent;

NOW, THEREFOR, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell and assign to Assignee, its successors and assigns, the entire right, title and interest in and to the said Letters Patent, and all the rights, powers, liberties and immunities conferred on the owner by the grant of the resulting Patent, including rights to sue for damages and other remedies in respect of any infringement of the Patent, which may have occurred prior to the date hereof, and the right to recover for all past infringement; and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as its interest is concerned, to Assignee, its successors and assigns.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be duly executed by its authorized representative on the date set forth below.

TECHNOVA INC.

By: Motolera Yoskida

Printed Name: Motoharu YOSHIDA

Title: President

Date: 11/27/2007

RECORDED: 12/14/2007

PATENT REEL: 020243 FRAME: 0372