PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Toshiaki Fujita	03/09/2011
Kazutaka Fujiwara	03/08/2011
Takashi Yamaguchi	03/09/2011

RECEIVING PARTY DATA

Name:	Mitsubishi Materials Corporation	
Street Address:	3-2 Otemachi 1 chome, Chiyoda-ku,	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	100-8117	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13120804

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	88276(307095)
NAME OF SUBMITTER:	Jeffrey D. Hsi

Total Attachments: 4

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REEL: 026017 FRAME: 0380

PATENT 501478863

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this __9__ day of _March, __2011___, by _Toshiaki __Fujita ; Kazutaka Fujiwara ; and _Takashi Yamaguchi (hereinafter referred to as Assignors), residing at __Tokai-mura, Japan__ ; _Tokai-mura, Japan__ ; and __Tokai-mura, _Japan__ , respectively;

WHEREAS, Assignors have invented certain new and useful improvements in THERMISTOR ELEMENT MANUFACTURING METHOD, AND THERMISTOR
ELEMENT No. THERMISTOR
ELEMENT No. Thermistor No. Therm

WHEREAS, MITSUBISHI MATERIALS CORPORATION, organized under and pursuant to the laws of <u>Japan</u> having its principal place of business at <u>3-2</u>

Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the

PATENT REEL: 026017 FRAME: 0381 same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Provisional application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order

PATENT REEL: 026017 FRAME: 0382 to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made, the effect of this assignment including as of the filing date of the above-identified application(s) and any applications from which the above-identified application(s) claim benefit of.

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Toshiaki Fujita	Joshidhi Fujita
	Inventor's Signature
Date:3 / 9 / 2 o / /	
Witness:	梯一模
Date: 3/9/2011	Name: Kazue KAKEHASHI
Kazutaka Fujiwara	Manythe Tyjnare Anventor's Signature
Date: 3/8/2011	Anventor's Signature
Witness:	梯一枝
Date: 3 / 8 / 201/	Name: Kazne KAKEHASHI
Takashi Yamaguchi	Takashi Yamaguh
Date: 3/9/2011	Inventor's Signature
Witness:	梯一枝
Date: 3 / 0 / 30/1	Name: Kazue KAKEHASHI