

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kazushige OKI</td><td>01/06/2009</td></tr><tr><td>Hiromi Kurashima</td><td>12/29/2008</td></tr></tbody></table>	Name	Execution Date	Kazushige OKI	01/06/2009	Hiromi Kurashima	12/29/2008	
Name	Execution Date						
Kazushige OKI	01/06/2009						
Hiromi Kurashima	12/29/2008						
RECEIVING PARTY DATA							
Name:	Sumitomo Electric Industries, Ltd.						
Street Address:	5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi						
City:	Osaka						
State/Country:	JAPAN						
Postal Code:	541-0041						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12332199</td></tr></tbody></table>	Property Type	Number	Application Number:	12332199			
Property Type	Number						
Application Number:	12332199						
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:	Michael A. Sartori						
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif							

CH 12332199 \$40.00

PATENT

500783319

REEL: 022268 FRAME: 0152

ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by Kazushige OKI (hereinafter referred to as Assignor) and Hiromi KURASHIMA (hereinafter referred to as Assignor), residing at c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1 Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa, JAPAN

WHEREAS, Assignor has invented certain new and useful improvements in

MECHANISM TO MAKE A HEAT SINK IN CONTACT

WITH A PLUGGABLE TRANSCEIVER, A PLUGGABLE

OPTICAL TRANSCEIVER AND A CAGE ASSEMBLY PROVIDING THE SAME

set forth in a patent application for Letters Patent of the United States,

☐ filed concurrently herewith;

☒ filed on December 10, 2008 as U.S. Patent Application No. 12/332,199; and

WHEREAS, Sumitomo Electric Industries, Ltd. having its principal place of business at 5-33 Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041, 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 One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does 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 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 same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants 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, Assignor is 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 Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor 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 Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions 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 Assignor hereby requests 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 Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

VENABLE LLP

All practitioners at Customer Number 26694

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Executed on:

Jun. 6, 2009

Date

Assignor:

Kazushige OKI

Assignor Name

Kazushige Oki

Signature

Witness:

Witness Name

Signature

Witness Address

Executed on:

Dec. 29, 2008

Date

Assignor:

Hiromi KURASHIMA

Assignor Name

Hiromi Kurashima

Signature

Witness:

Witness Name

Signature

Witness Address

DC2-545673